



정도비엔피

실험동물기자재 / 실험기기 / 수술기구 / G.L.P 시설공사

실험동물 기자재 / 실험기기 G.L.P 시설공사 / 수술기구



(주)정도비엔피
JEUNGDO Bio & Plant Co.,Ltd.
www.jeungdo.co.kr

인 / 사 / 말

오늘날 과학 및 의학, 생명공학의 연구영역에서 동물실험이 담당하는 역할은 매우 크며 연구 성과의 눈부신 발전에 따라 정밀도 높은 동물실험 설비 기기에 대한 요구 또한 급속도로 높아지고 있습니다.

저희 (주)정도B&P는 실험동물의 사육을 자동화하고 동물실험에 필요한 설비 기기를 제작 생산하는 업체로 종래 일반사육의 각종Cage는 물론 특수한 환경의 실험에 적합한 Clean Rack, Fume Hood, 항온항습 사육장치, Clean Bench와 같은 장비를 공급하고 있습니다.

보다 효율적인 동물실험과 수술, 연구개발을 위해 실험실이나 수술실등은 외부로부터 격리시켜야 하며, 실내에서 발생한 먼지입자를 신속히 외부로 배출시켜 항상 청정상태를 유지하는 것이 필수입니다.

저희는 동물의 분뇨 및 사체 처리와 더불어 배수, 악취제거, 소음방지등 각종 Clean Room 시설 개발에도 힘써 귀하의 연구 실험에 적합한 환경을 제공해 드릴 것입니다.

또한 우수한 품질의 기자재를 저렴한 가격에 공급하고 지속적인 사후관리를 통해 구입하신 물품이 현장에서 원활하게 사용될 수 있도록 고객 여러분에 대한 서비스에 최선을 다하겠습니다.

아울러 인터넷 홈페이지를 강화하여 귀하의 연구실험에 도움이 되도록 모든 노력을 기울여 나가겠습니다.

귀하의 연구실험과 사육관리에 좋은 성과가 있으시길 기원하오며 아낌없는 지도편달을 부탁드립니다.

감사합니다.

(주)정도비앤피 임직원 일동

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ISO9001·14001 인증업체

[1] 실험동물사육관리기기

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- 실험동물의 관리
- CAGE(일반 Cage, 대사Cage, 자동수세식Cage etc.)
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- OPERATION TABLE
- CARRIER
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- 각종 보관대, 건조대
- SIDE · CENTER TABLE
- STORAGE CABINET
- FEED INSTRUMENT

 (주)정도비앤피

실험동물의 관리

실험동물 사육실내의 환경조건

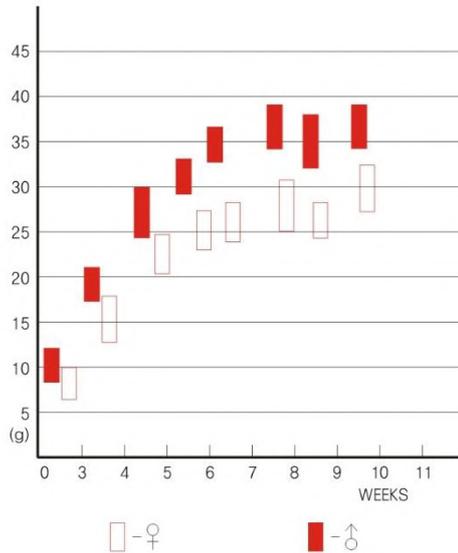
온도	Mouse, Rat -22~25℃ Rabbit, Guinea pig -18~22℃ Dog, Cat -19℃ Monkey -27℃
습도	50~60%
환기회수	10~15회/Hr
풍속	15~20cm/sec
기압차	5~15mmH ₂ O
점등시간	6:00~18:00
조명	150~300LUX (높이 80~100cm)
소음	60db 이하
암모니아	20Hp ppm이하
청정도	Class 10,000 (동물無상태)

실험동물의 체중, 섭취량, 음수량

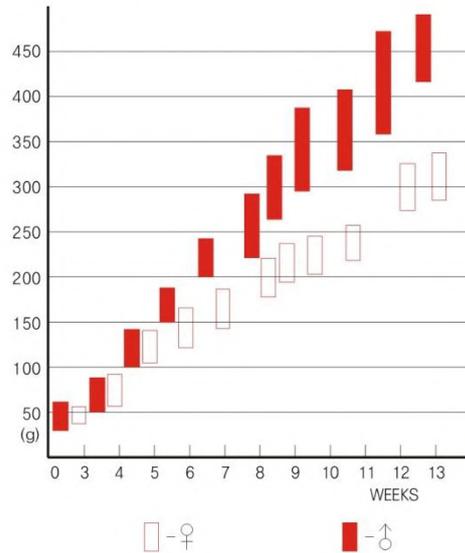
실험동물	체중(g)	섭취량(g/日)	음수량(ml/日)
MOUSE	20~30g	3~5	5~7
RAT	250~300g	20~35	20~25
HAMSTER	90~100g	10	10~15
GUINEA-PIG	400~600g	20~30	80~120
RABBIT	1500~2000g	80~150	150~200

ANIMAL GROWTH CHART

ICR MOUSE



SD RAT



실험동물의 관리

실험동물의 임상소견과 번식에 대한 개요

사양 \ ANIMAL	마우스	랫트	기니픽	토끼	골든햄스타	고양이	개(Beagle)	원숭이(Rhesus monkey)
맥박수(회/분)	450~738	260~450	150~160	140~160	300~600	110~140	90~120	175~253
혈압·수축기압 (mmHg) 확장기압	133~160	88~130	75~90	95~130	90~100	155	108~189	140~176
호흡수(회/분)	84~230	66~114	110~50	38~60	33~127	20~30	15~25	39~60
체온(°C)	-	-	39~40	38~40	36~38	-	38~39	37~40
성숙중체중	20~40	200~400g	1~1.2kg	4~5kg	90~120g	3.5~4.0kg	14~14kg	12kg
성숙자체중	25~90	250~300g	0.85~0.9kg	4~6kg	95~140g	2.3~2.8kg	14~16g	10kg
출생시체중	1.5	5~6g	90g	60g	2g	95~140g	0.4~0.5kg	500~700g
웅번식연령	50일	100일	3~5개월	6~7개월	2개월	9~12개월	10~12개월	6년
자번식연령	35~60일	100일	1~5개월	5~6개월	2개월	5~7개월	9~12개월	5년
웅번식량체중	20~35	300g	550g	4kg	85~100g	3.5kg	-	10~11.5kg
자번식연령	20~30	200g	550g	4kg	95~100g	2.5kg	-	8~9.5kg
성주기(日)	4~5	5	16.5	-	4~5	14	년 2회	28
발정기간	10시간	13~15시간	6~11시간	계속적	20시간	3~6일	7~9일	없음
배란시간	발정개시후 2~3시간	발정개시후 8~10시간	발정개시후 10시간	교미후 10~11시간	발정개시후 8~12시간	교미후 25~27시간	발정개시후 1~3시간	월경개시후 11~14일
임신기간(日)	19 (17~21)	21 (20~22)	68 (65~71)	31 (30~32)	16 (15~17)	65 (61~69)	63	165 (150~180)
離乳齡(週)	3	3	3.5	8	3	7~8	6~8	12~17
이유시체중	7~15g	40~50g	250g	1.5kg	35g	800g	-	0.9kg
산자수	11	8~12	1~6	1~18	6~10	1~6	4~8	1
암컷의 번식수명(年)	6~10(産)	1	4~5	1~3	1	8~14	6~10	12~15
수컷의 번식수명(年)	1.5(年)	1	5	1~3	2	5~7	6~14	12~15
수컷1마리당 암컷교배수	3	4	3~10	9	8	15~30	60	12~10

사육실(계통보존실, 동물실험실)관리

대 상	처 리
사육CASE(망,급이기등)	고압증기멸균 (121°C, 30분)
깔 짚	고압증기멸균 (121°C, 30분)
음 수	고압증기멸균 (121°C, 30분)
사 료	고압증기멸균 (121°C, 20분), 방사선 멸균
시 설 (벽 , 천 정 등)	약물및 UV소독
기	약물및 UV소독
바 닷	약물및 UV소독
공 기	Filter(Hepa,Medium,Pre)로 여과
동 물	검역실에서 검역
사 람	멸균작업복 착용 및 Air shower
기 타	가열할수 없는 물품은 약물 또는 E.O.gas 멸균

CAGE

◎ 개별판매가능 (물병-250ml, 300ml, 500ml) 선택하여 SET 구성 가능

JD-C-01 MOUSE CAGE



DIMENSION	(W)200×(D)260×(H)130mm
MATERIAL	Vat : Polycarbonate
	Cover : SUS304 Stainless Steel
	Water Bottle : 250ml

JD-C-02 RAT CAGE



DIMENSION	(W)260×(D)420×(H)180mm
MATERIAL	Vat : Polycarbonate
	Cover : SUS304 Stainless Steel
	Water Bottle : 250ml

JD-C-03 MOUSE CAGE FULL SET



DIMENSION	(W)200×(D)260×(H)130mm
MATERIAL	Vat : Polycarbonate
	Cover : SUS304 Stainless Steel
	Water Bottle : 250ml
	Label Holder : Stainless Steel
	Bottom : Stainless Steel

JD-C-04 RAT CAGE FULL SET



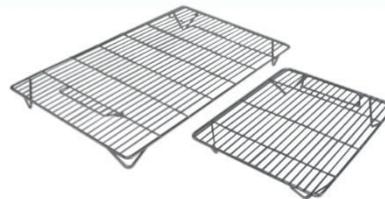
DIMENSION	(W)260×(D)420×(H)180mm
MATERIAL	Vat : Polycarbonate
	Cover : SUS304 Stainless Steel
	Water Bottle:250ml
	Label Holder : Stainless Steel
	Bottom : Stainless Steel

JD-C-05 MOUSE MINI CAGE



DIMENSION	(W)143×(D)256×(H)127mm
MATERIAL	Vat : Polycarbonate
	Cover : SUS304 Stainless Steel
	Water Bottle : 120ml
Bottom	(W)215×(D)103×(H)25mm

JD-C-06 RAT, MOUSE 용 BOTTOM



DIMENSION	Rat용	A (W)220×(D)370×(H)30mm
		B (W)235×(D)390×(H)30mm
MATERIAL	Mouse용 -	(W)180×(D)240×(H)25mm
		SUS304 Stainless Steel

MICRO ISOLATOR CAGE

● 특징

본 Cage는 Cage내부의 동물을 무균,무진 상태로 유지하여 외부로부터의 오염물질에서 보호함과 동시에 실험자에게 오염되는 일이 없도록 고안된 획기적인 제품입니다.

(주)정도비엔피에서는 수입품에만 의존하던 Isolator Cage를 국내 최초 특허 출원하여 그 상품성을 인정받기에 이르렀습니다.

현재 사용하고 있는 Mouse, Rat 일반 사육 Cage의 규격에 맞도록 제작하여 Cover만의 구입으로도 청결한 상태를 유지할수 있게 되었습니다.

● MOUSE, RAT ISOLATOR CAGE 장점

1. 가격저렴
2. 국내 일반 CAGE의 규격에 맞게 제작하여 COVER만의 구입으로 청결한 상태유지
3. POLYCARBONATE의 재질로 AUTO CLAVE가능(장기간 사용 할 수 있음)

JD-C-07 MOUSE ISOLATOR CAGE



JD-C-08 RAT ISOLATOR CAGE



	MOUSE ISOLATOR CAGE	RAT ISOLATOR CAGE
DIMENSION	(W)250×(D)300×(H)220mm / 70mm	(W)310×(D)445×(H)270mm / 90mm
MATERIAL	VAT:Polycarbonate Autoclaveable 121℃ TOP COVER:Polycarbonate Autoclaveable 121℃ LID:SUS304 Stainless Steel 3mm,6mm Wire	
WATER BOTTLE	Polycarbonate (Mouse - 300ml, Rat - 500ml) / SET	
FILTER	310×216mm (PK/100매)	400×340mm (PK/100매)
		* Option : Label Holder

JD-C-11A DISPOSABLE CAGE (일회용 케이지)

JD-C-11A

JD-C-11AF

JD-C-11A-100	Disposable Cage (Vat + Cover)	235*370*140, Box/100EA, 멸균
JD-C-11A-25	Disposable Cage (Vat + Cover)	235*370*140, PK/25EA, 멸균
JD-C-11A-100	Disposable Cage-먹이통, 물병포함	235*370*140, Box/100EA, 멸균
JD-C-11A-25	Disposable Cage-먹이통, 물병포함	235*370*140, PK/25EA, 멸균

각종 안락사 챔버 및 마취박스

JD-C-107M Mouse용 마취박스및 안락사 챔버



DIMENSION	205 × 265 × 200mm JD-C-107MM Mini : 125 × 240 × 110mm
MATERIAL	Acryl
Bottom	SUS304 Stainless Steel

JD-C-107R RAT용 마취박스및 안락사 챔버



DIMENSION	245 × 395 × 250mm
MATERIAL	Acryl
Bottom	SUS304 Stainless Steel

JD-C-107-RA 토끼용 안락사 챔버(스텐)



DIMENSION	350 × 500 × 300mm
MATERIAL	SUS304 Stainless Steel
관망창	(W)100 × (L)450mm

JD-C-107-RAA 토끼용 안락사 챔버(아크릴)



DIMENSION	350 × 500 × 250mm
MATERIAL	Acryl

JD-C-107-5 Co2용 Regulator



* 모든 마취 박스 및 안락사 챔버에 연결 가능한 압력계이지입니다.

JD-C-107A 소동물용 흡입마취기



* 자세한 사항은 46-1 페이지 참고하세요.

ANIMAL	RAT, MOUSE
구성	CONTROL BOX, 수술대, 마취 박스 *OPTION : O2 GAS, REGULATOR

MEDIUM ANIMAL CAGE

JD-C-18A GUINEA-PIG CAGE (PC)



JD-C-19 RABBIT CAGE



JD-C-20 GUINEA-PIG CAGE



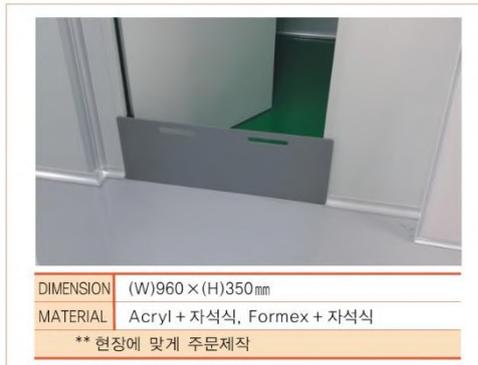
JD-C-21 GUINEA-PIG CAGE



JD-C-107-7 FLOW METER



JD-C-31T 탈출방지턱



MEDIUM ANIMAL CAGE etc.

JD-C-25 CAT CAGE



DIMENSION	(W)380 × (D)500 × (H)450mm
MATERIAL	SUS304 Stainless Steel

JD-C-31A 동물운반용 케이지



DIMENSION	(W)400 × (D)620 × (H)180mm
MATERIAL	Polyethylene

JD-C-27 CHICKEN CAGE



DIMENSION	(W)350 × (D)400 × (H)500mm × (3단 4열)
MATERIAL	SUS304 Stainless Steel

JD-C-31B 동물이동 케이지



DIMENSION	(W)430 × (D)300 × (H)160mm
MATERIAL	Autoclavable and reusable
JD-C-31B-E	날개
JD-C-31B-B	Box/20EA

JD-C-29-1 자외선차단, 외부차단용 케이지



DIMENSION	(W)260 × (D)420 × (H)180mm
MATERIAL	Polycarbonate

JD-C-30 외부반출용 이동 CART



SIZE	(W)500 × (D)600 × (H)1450mm
MATERIAL	SUS304 Stainless Steel
SHELF	5 Stage's

* Cage의 규격, 수량에 따라 주문제작 가능합니다.

DOG CAGE

DOG CAGE

JD-C-32

DOG CAGE



DIMENSION	(W)900 × (D)1200 × (H)1500mm
MATERIAL	SUS304 Stainless Steel

JD-C-33

DOG AUTO WASHING CAGE



DIMENSION	(W)750 × (D)800 × (H)800mm
	(W)1500 × (D)800 × (H)1800mm
MATERIAL	SUS304 Stainless Steel

JD-C-34

DOG AUTO WASHING & WATERING SYSTEM



CAGE DIMENSION	(W)750 × (D)700 × (H)700mm
DIMENSION	2 × 1=(W)750 × (D)800 × (H)1800mm
	2 × 2=(W)1500 × (D)800 × (H)1800mm
	2 × 3=(W)2300 × (D)800 × (H)1800mm
MATERIAL	SUS304 Stainless Steel

JD-C-35

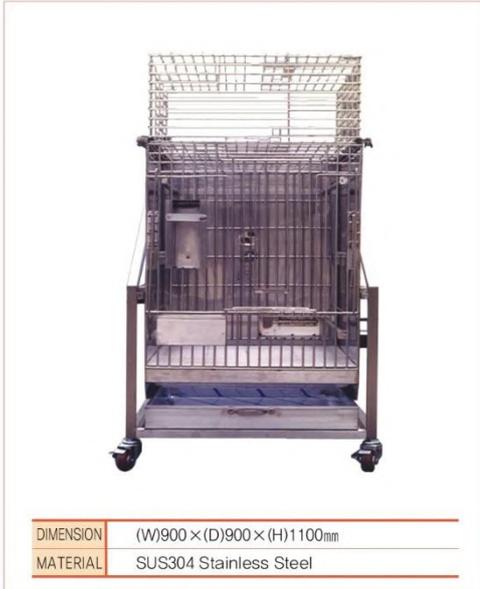
DOG CAGE SYSTEM



	※ 1SET의 규격임
DIMENSION	(W)1200 × (D)1500 × (H)1500mm
MATERIAL	SUS304 Stainless Steel

LARGE CAGE

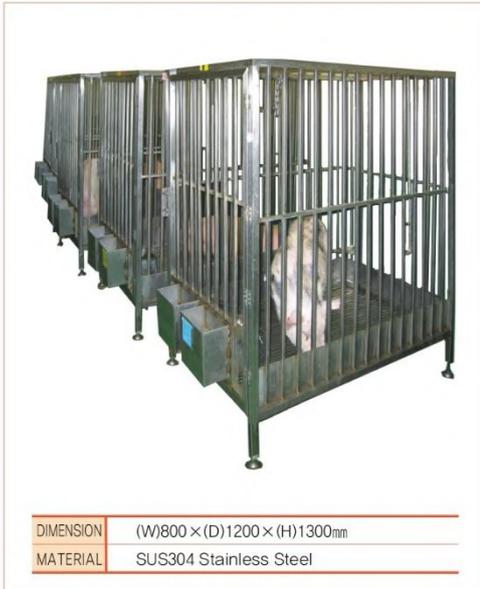
JD-C-36 MONKEY CAGE



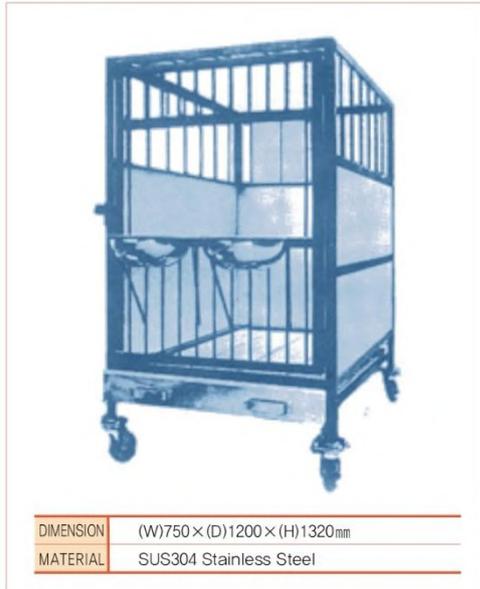
JD-C-37 MONKEY CAGE



JD-C-38 PIG CAGE



JD-C-39 SHEEP CAGE



FRAME FOR CAGE

FRAME FOR CAGE

JD-C-40

다용도 FRAME



※ 추천규격 : Rat Cage 25SET / Mouse Cage 30SET 보관가능

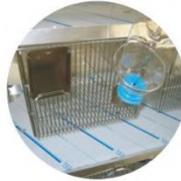
	MOUSE CAGE	RAT CAGE
5×5	(W)1400×(D)300×(H)1600mm	(W)1650×(D)400×(H)1800mm ^{추천}
5×6	(W)1600×(D)300×(H)1600mm	(W)1900×(D)400×(H)1800mm
5×6×2	(W)1600×(D)600×(H)1600mm	(W)1900×(D)800×(H)1800mm
5×8	(W)2200×(D)300×(H)1600mm	(W)2500×(D)400×(H)1800mm
5×8×2	(W)2200×(D)600×(H)1600mm	(W)2500×(D)800×(H)1800mm

MATERIAL SUS304 Stainless Steel

** 현장에 맞게 주문제작 가능

JD-C-41

RAT, MOUSE BRACKET UNIT



MATERIAL	SUS304 Stainless Steel
5×5	(W)1650×(D)420×(H)1750mm
5×5×2	(W)1650×(D)840×(H)1750mm
5×6	(W)1900×(D)420×(H)1800mm
5×6×2	(W)1900×(D)840×(H)1800mm
5×8	(W)2150×(D)420×(H)1850mm

FRAME FOR CAGE

JD-C-47-1 RABBIT FOR CAGE (오물Vat식 : Cage-일반규격)



Cage	380 x 500x (H)350mm
3 x 3	(W)1400 x (W)500 x (H)1800mm
3 x 4	(W)1840 x (W)500 x (H)1800mm
3 x 5	(W)2280 x (W)500 x (H)1800mm
MATERIAL	SUS304 stainless steel

JD-C-48-1 RABBIT FOR CAGE (자동수세식 : Cage-일반규격)



Cage	380 x 500x (H)350mm
3 x 3	(W)1700 x (W)500 x (H)2100mm
3 x 4	(W)2100 x (W)500 x (H)2200mm
3 x 5	(W)2500 x (W)500 x (H)2200mm
MATERIAL	SUS304 stainless steel

JD-C-46 GUINEA-PIG AUTO WATERING & WASHING SYSTEM



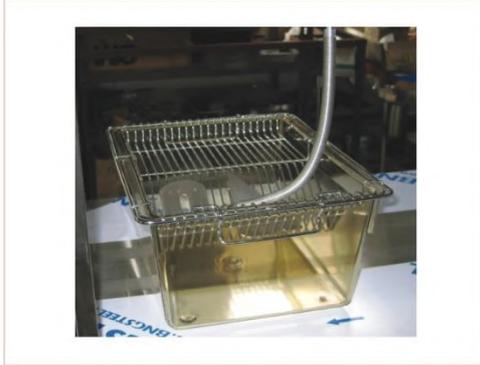
4 x 4	(W)1350 x (D)450 x (H)2200mm
4 x 5	(W)1700 x (D)450 x (H)2200mm
4 x 6	(W)2100 x (D)450 x (H)2200mm
MATERIAL	SUS304 Stainless Steel

AUTO WATERING SYSTEM

JD-C-51 AUTOWATERING FRAME SYSTEM



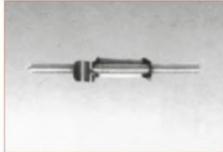
JD-C-52 AUTOWATERING FRAME SYSTEM



JD-C-53 AUTOWATERING FRAME



JD-C-54 MOUSE & RAT



JD-C-55 GUINEA-PIG & RABBIT



JD-C-56 CAT & DOG

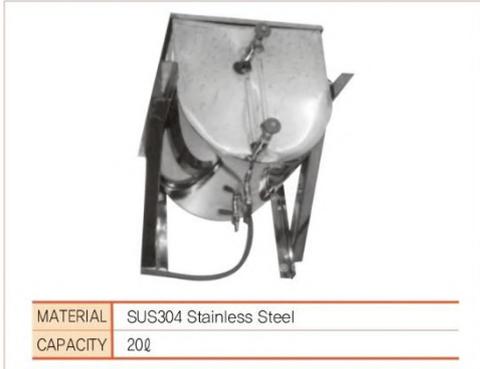
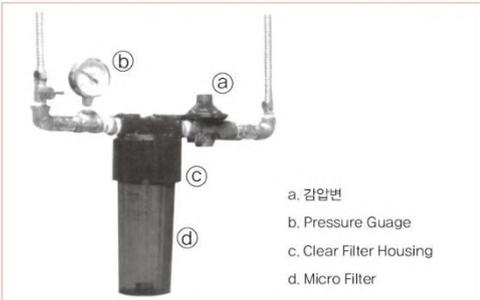


JD-C-57 MOUSE & RAT



JD-C-59 WATER BOX

JD-C-58 AUTOMATIC PRESSURE CONTROL & FILTRATION SYSTEM



AAALAC 기준 사육용 케이지

JD-C-01SC Mouse 사육용 Cage



DIMENSION	(W)200 x (D)320 x (H)145mm
	Vat : Polysulfone, PC 선택
MATERIAL	Lid : SUS304 Stainless steel
	Water Bottle : 250ml (변경가능)
일반 Mouse Cage 보다 큰 규격입니다.	

JD-C-02SC Rat 사육용 Cage



DIMENSION	(W)300 x (D)500 x (H)200mm
	Vat : Polysulfone, PC 선택
MATERIAL	Lid : SUS304 Stainless steel
	Water Bottle : 250ml (변경가능)
일반 Rat Cage 보다 큰 규격입니다.	

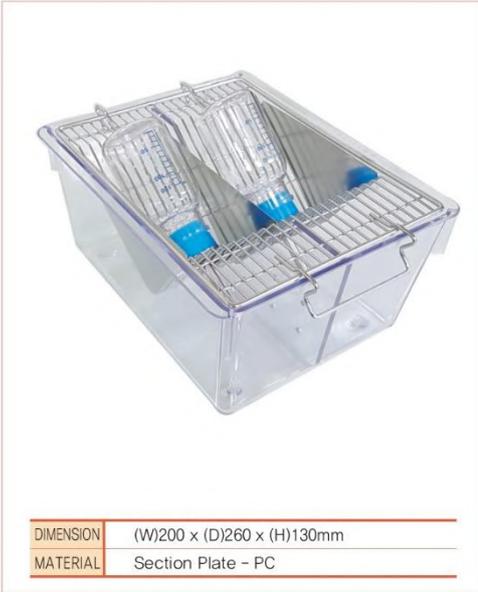
<Cage 규격 비교 사진>



1. 일반 Mouse Cage 2. Mouse 사육용 Cage 3. 일반 Rat Cage 4. Rat 사육용 Cage

MOUSE HOUSE

JD-C-01SEC Mouse Section Cage



JD-C-202 BIO-HUT



JD-C-203 MOUSE IGLOO



JD-C-500 Nestlets (네슬렛)



METABOLIC CAGE

JD-C-64 MOUSE METABOLIC CAGE



SIZE	Body: $\phi 100 \times (H) 190\text{mm}$ Fix: $\phi 150 \times (H) 130\text{mm}$
MATERIAL	Plastic SUS304 Stainless Steel

JD-C-65 RAT METABOLIC CAGE



* MOUSE용 제작가능

SIZE	(W)210×(D)210×(H)450mm
MATERIAL	Acryl Square Type

JD-C-66 RAT METABOLIC CAGE



SIZE	$\phi 250 \times (H) 450\text{mm}$
MATERIAL	Acryl Round Type

JD-C-65M MOUSE METABOLIC CAGE



MATERIAL	Acryl, Glass SUS304 Stainless Steel Square Type
DIMENSION	(W)120×(D)120×(H)300mm

JD-C-68 RAT METABOLIC CAGE(B형)



MATERIAL	(W)255×(D)255×(H)475mm
CAPACITY	SUS304 Stainless Steel

JD-C-69 RABBIT METABOLIC CAGE



SIZE	$\phi 365 \times (H) 750\text{mm}$
MATERIAL	SUS304 Stainless Steel

JD-C-40MF METABOLIC CAGE FRAME



DIMENSION	(W)1650 x (D)400 x (H)1900mm
SHELF	RAT용 - 15CAGE 용 (3단 5열) ** MOUSE용 제작 가능

METABOLIC CAGE

JD-C-71 METABOLIC CAGE SET



SHELF	3단 5열
DIMENSION	(W)1350 × (D)350 × (H)1800MM
MATERIAL	SUS304 Stainless Steel

JD-C-72 METABOLIC CAGE SET



SHELF	3단 4열
DIMENSION	(W)1240 × (D)480 × (H)1900MM
MATERIAL	SUS304 + Polycarbonate

JD-C-72M MOUSE METABOLIC CAGE



DIMENSION	φ 150 × (H)300MM
MATERIAL	SUS304 + Polysulfone

JD-C-72R RAT METABOLIC CAGE



DIMENSION	(W)310 × (D)310 × (H)340MM
MATERIAL	SUS304 + Polysulfone

CAGE etc.

CAGE etc.

JD-C-73 RAT BALLMAN CAGE



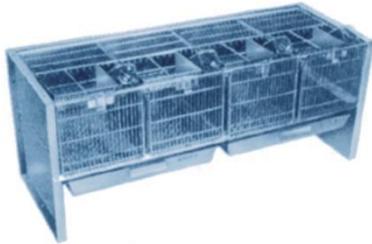
DIMENSION	A: (W)95 × (D)300 × (H)150mm B: (W)95 × (D)300 × (H)250mm
MATERIAL	Body : Back Light Fix : SUS304 Stainless Steel 2φ Wite Water Bottle Set

JD-C-74 RAT BALLMAN CAGE



DIMENSION	(W)160 × (D)270 × (H)230mm
MATERIAL	Body : Acryl Fix : SUS304 Stainless Steel 2φ Wite Water Bottle Set

JD-C-75 RAT 4연식 CAGE



DIMENSION	(W)880 × (D)350 × (H)400mm
WATER BOTTLE	250mℓ
MATERIAL	SUS304 Stainless Steel

JD-C-76 RAT 연식 CAGE



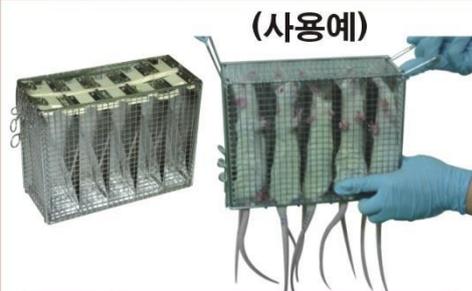
DIMENSION	(W)670 × (D)230 × (H)170mm
WATER BOTTLE	120mℓ
MATERIAL	SUS304 Stainless Steel

JD-C-77R RAT STRESS CAGE



DIMENSION	(W)270 × (D)100 × (H)200mm	10마리용
MATERIAL	SUS304 Stainless Steel	200g 기준

JD-C-77M MOUSE STRESS CAGE



DIMENSION	(W)200 × (D)80 × (H)100mm	10마리용
MATERIAL	SUS304 Stainless Steel	25g 기준

WATER BOTTLE, LABEL HOLDER

JD-C-79 WATER BOTTLE



JD-C-80 WATER BOTTLE



JD-C-81 WATER BOTTLE



JD-C-82 WATER BOTTLE



CAPACITY		250cc	300cc	500cc	1000cc
MATERIAL	BOTTLE	Polycarbonate	Polycarbonate	Polycarbonate	Polycarbonate
	NOZZLE	SUS304 Stainless Steel 0.6t Cap			
		SUS304 Stainless Steel Pipe			
		Silicon Stopper	Silicon Stopper	Silicon Stopper	Silicon Stopper

JD-C-83 WATER BOTTLE CASE



DIMENSION	(W)350×(D)350×(H)230mm (250cc 30EA)
	(W)480×(D)400×(H)250mm (500cc 30EA)
MATERIAL	SUS304 Stainless Steel

JD-C-84~7 WATER BOTTLE NOZZLE



JD-C-88 BALL NOZZLE



SIZE	250mL, 300mL, 500mL, 1000mL 사용가능
MATERIAL	SUS304 Stainless Steel Pipe

※ Pipe안에 Ball이 들어있어, 물이 새지 않습니다.

LABEL HOLDER

JD-C-89



JD-C-89A



SIZE	(W)80×(H)100mm	(W)60×(H)90mm
MATERIAL	SUS304 Stainless Steel	

WATER BOTTLE, LABEL HOLDER

Water Bottle 용량별 비교사진(PC)



용량 : 120ml 250ml 300ml 500ml 1000ml

Water Bottle 재질비교



폴리설펜(SPF) 폴리카보네이트(PC)

Water Bottle 색상 및 실험용도별 비교사진



유리 물병 (250ml)



유리노즐 (전자파실험용)



착색물병 (자외선 차단용)

WATER BOTTLE, LABEL HOLDER

누수방지용 노즐 사용예시



JD-C-79-120H : 120ml
 JD-C-79-250H : 250ml
 JD-C-80H : 300ml
 JD-C-81H : 500ml

*자동급수용 노즐 사용



JD-C-88P : 팔콘튜브용
 *팔콘튜브 볼노즐장착



JD-C-88-120 : 120ml
 JD-C-88-250 : 250ml
 JD-C-88-300 : 300ml
 JD-C-88-500 : 500ml

*500ml, 250ml 볼노즐 장착

JD-C-83N NOZZLE CAGE



SIZE	(W)300x(D)350x(H)250mm
Dimension	SUS304 Stainless Steel

JD-C-83T WATER BOTTLE CAGE



WATER BOTTLE	18EA용 (3stage's x 6 row's)
DIMENSION	(W)245x(D)449x(H)250mm
MATERIAL	SUS304 Stainless steel

FEEDER etc.

FEEDER etc.

JD-C-93 분말사료통 RAT용



SIZE	φ90 × (H)45mm
MATERIAL	SUS304 Stainless Steel

JD-C-94 분말사료통 MOUSE용



SIZE	φ75 × (H)43mm
MATERIAL	SUS304 Stainless Steel

JD-C-95 분말사료통 고정기



JD-C-95R	Rat용 - φ92 × (H)20mm
JD-C-95M	Mouse용 - φ78 × (H)20mm
MATERIAL	SUS304 Stainless Steel

MOUSE FEEDER



RAT FEEDER



GUINEA-PIG FEEDER



RABBIT FEEDER



FEEDING TUBE

JD-C-119

※ '자세한 사항은 P56 페이지 참고'

SIZE	Rat용 - 150ml
	Mouse용 - 80ml
용도	점성이 있는 사료 및 시료 급이시 사용



JD-C-104 SCOOP



SIZE	1ℓ
MATERIAL	SUS304 Stainless Steel

JD-C-105 SPATULA



SIZE	大, 小
MATERIAL	Steel

JD-C-106 SPATULA



MATERIAL	Rubber
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ANIMAL RESEARCH

JD-C-107 안락사 챔버, 마취박스



DIMENSION	Rat용 : 245×395×250mm Mouse용 : 205×265×200mm
MATERIAL	Acryl

JD-C-108 DESICATOR



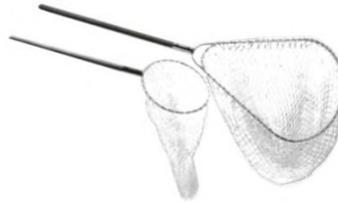
DIMENSION	φ 180, φ 210, φ 240, φ 300
MATERIAL	Glass Bottom-Glass

JD-C-109 SCAFFOLD



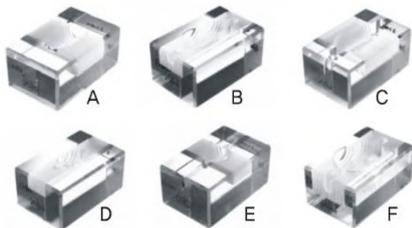
DIMENSION	60 × 60 mm
MATERIAL	SUS304 Stainless Steel

JD-C-110 동물 포획용 망



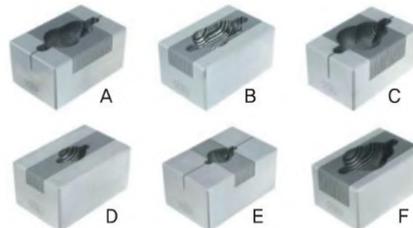
DIMENSION	φ 300, φ 450
MATERIAL	SUS304 Stainless Steel

JD-C-112-B1 BRAIN MATRIX (ACRYL)



A	Rat 175-300g Coronal	D	Mouse 45-75g Sagittal
B	Rat 175-300g Sagittal	E	Mouse 45-75g Coronal
C	Rat 300-600g Coronal	F	Rat 300-600g Sagittal

JD-C-112-B2 BRAIN MATRIX (STAINLESS)



A	Rat 175-300g Coronal	D	Mouse 45-75g Sagittal
B	Rat 175-300g Sagittal	E	Mouse 45-75g Coronal
C	Rat 300-600g Coronal	F	Rat 300-600g Sagittal

RESTRAINER

JD-R-01

HOLDER



SIZE	$\phi 25 \times (H)90\text{mm}$	15~20g
	$\phi 30 \times (H)100\text{mm}$	20~35g
	$\phi 35 \times (H)110\text{mm}$	35g 이상
	$\phi 40 \times (H)120\text{mm}$	60~120g
	$\phi 50 \times (H)150\text{mm}$	120~180g
	$\phi 60 \times (H)200\text{mm}$	180~250g
	$\phi 70 \times (H)220\text{mm}$	250~350g
	$\phi 80 \times (H)230\text{mm}$	350~450g

JD-R-02

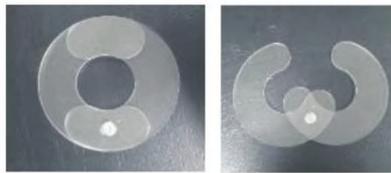
RESTRAINER



SIZE	$\phi 25 \times (H)90\text{mm}$	15~20g
	$\phi 30 \times (H)95\text{mm}$	20~35g
	$\phi 35 \times (H)110\text{mm}$	35g 이상
	$\phi 40 \times (H)135\text{mm}$	60~150g
	$\phi 50 \times (H)150\text{mm}$	150~200g
	$\phi 60 \times (H)180\text{mm}$	200~300g
	$\phi 70 \times (H)200\text{mm}$	300~400g

JD-R-13

NECK HOLDER <목고정기>



JD-R-13RA	Rabbit	I.D 60 x O.D 200mm
JD-R-13RS	Rat용	I.D 25 x O.D 60mm
JD-R-13RL	Rat용	I.D 30 x O.D 70mm
JD-R-13M	Mouse용	I.D 10 x O.D 45mm
MATERIAL		PC 1t plate

JD-R-04

UNIVERSAL HOLDER



DIMENSION	(W)60 x (D)175 x (H)55mm	150~220g
	(W)65 x (D)180 x (H)60mm	220~280g
	(W)70 x (D)185 x (H)65mm	280~360g
	(W)75 x (D)190 x (H)70mm	360~450g
	(W)80 x (D)195 x (H)75mm	450~550g
MATERIAL		Acryl

JD-R-05

TABLE RESTRAINER



〈일반〉			
			〈HEAD FIX 추가〉
SIZE	$\phi 25 \times (L)100\text{mm}$	Mouse용	15~20g
	$\phi 30 \times (L)100\text{mm}$	Mouse용	20~35g
	$\phi 35 \times (H)110\text{mm}$	Mouse용	35g 이상
	$\phi 60 \times (L)180\text{mm}$	Rat용	200~300g
	$\phi 70 \times (L)200\text{mm}$	Rat용	300~400g

JD-R-02LT

LIGHTING TAIL HOLDER



DIMENSION	Body - (W)100 x (D)150 x (H)120mm Holder - $\phi 30 \times (L)100\text{mm}$ * 교체가능
LAMP	Halogen
MATERIAL	Acryl * Rat용 제작가능

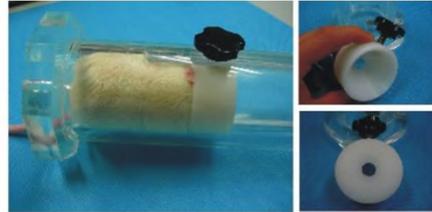
RESTRAINER

JD-R-07 RABBIT RESTRAINER



DIMENSION	(W)190×(D)450×(H)270mm
MATERIAL	Body-Acrylic Fix-Duraluminum

JD-R-14 HEAD FIX RESTRAINER



SIZE	φ 25 × (H)90mm	15~20g
	φ 30 × (H)95mm	20~35g
	φ 60 × (H)180mm	200~300g
	φ 70 × (H)200mm	300~400g
	φ 80 × (H)240mm	500g 이상

JD-R-09 RABBIT FIX TABLE(수세식)



DIMENSION	Table-1×6, 1×7, 1×8, 2×6, 2×7, 2×8 Restrainer-(W)160×(D)420×(H)150mm
MATERIAL	SUS304 Stainless Steel

JD-R-10 RABBIT FIX TABLE(오물VAT식)



DIMENSION	Table-2×6, 2×7, 2×8 Restrainer-(W)160×(D)420×(H)150mm
MATERIAL	SUS304 Stainless Steel

JD-R-11 JACKET DOG 보정기



DIMENSION	(W)450×(D)850×(H)800mm
MATERIAL	Table -SUS304 Steel Round Pipe Jacket-Fur(가죽)

JD-R-15 FRONT, BACK FIX HOLDER



SIZE	φ 25 × (H)90mm	15~20g
	φ 30 × (H)95mm	20~35g
	φ 60 × (H)180mm	200~300g
	φ 70 × (H)200mm	300~400g
	φ 80 × (H)240mm	500g 이상

RESTRAINER

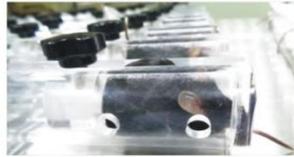
JD-R-16 HEAD OUT RESTRAINER



*몸통은 고정시키고 Head(머리)가 밖으로 나오는 형태의 고정기입니다.
 눈, 머리, 귀 등의 실험시 적합합니다

SIZE	φ25 × (H)90mm	15~20g
	φ30 × (H)95mm	20~35g
	φ60 × (H)180mm	200~300g
	φ70 × (H)200mm	300~400g
	φ80 × (H)240mm	500g 이상

JD-R-19 연식 HOLDER



*2마리 이상~ 10마리를 연이어 고정시키기 위한 고정기입니다.
 *주문제작 가능 *Rat Mouse 선택

SIZE	φ25 × (H)90mm	15~20g
	φ30 × (H)95mm	20~35g
	φ60 × (H)180mm	200~300g
	φ70 × (H)200mm	300~400g
	φ80 × (H)240mm	500g 이상

JD-R-20 INTUBATION PLATFORM



사용 예시

*Mouse 또는 Rat의 Intubation시 사용되는 고정기입니다.

*주문제작 가능합니다.

Model	JD-R-20R	JD-R-20M
Size	(W)180x(H)250mm	(W)150x(H)200mm
Animal	Rat용	Mouse용

RESTRAINER etc.

용도별 고정기 참고사진



*뒷다리 노출용 고정기 (랫드용)



*한쪽 뒷다리 고정용 (마우스)

CASTER 바퀴 참고사진



품 명	열균용 바퀴	무소음바퀴
규 격	3, 4, 5inch 선택	3, 4, 5inch 선택
형 태	평형, 볼트형 선택	평형, 볼트형 선택

OPERATING TABLE

SMALL ANIMAL OPERATING TABLE

JD-OT-01 아크릴 수술대



DIMENSION	(W)250×(D)350×(H)30mm
MATERIAL	Acryl 10mnt Plate
FIX	Rubber
ANIMAL	Rat, Mouse, Guinea-Pig, Hamster

JD-OT-02 콜크수술대



DIMENSION	(W)250×(D)350×(H)30mm
MATERIAL	Operating Table-Cork Plate 20t Case-Acryl 10mnt
ANIMAL	Rat, Mouse, Guinea-Pig, Hamster

JD-OT-03 Heating Pad(스테인리스)



DIMENSION	(W)250×(D)350×(H)20mm
MATERIAL	SUS304 Stainless Steel
TEMP	37°C 유지
ANIMAL	Rat, Mouse, Guinea-Pig, Hamster

JD-OT-04 고정형 수술대



DIMENSION	(W)140×(D)280×(H)120mm
MATERIAL	Duraluminum 10mnt
HEAD FIX BAR	SUS304 Stainless Steel 10φ Round Bar
BODY FIX BAR	SUS304 Stainless Steel Spring

JD-OT-05 고정형 Heating Pad



DIMENSION	Operating Table : (W)140×(D)280×(H)120mm Heating Box : (W)250×(D)200×(H)120mm
TEMP	0°C~50°C
POWER	220V, 250W

JD-OT-06 Heating Pad(실리콘)



DIMENSION	Rat 용 - (W)250×(D)350mm Mouse용 - (W)150×(D)200mm
TEMP	37°C 유지
ANIMAL	Rat, Mouse, Guinea-Pig, Hamster

JD-OT-07 RABBIT OPERATING TABLE



DIMENSION	(W)350×(D)800×(H)80mm
MATERIAL	Wood 30t Fix Bar : SUS304 Stainless Steel 10φ Bar
ANIMAL	Rabbit, Cat, Small Dog

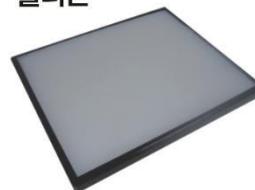
JD-OT-08 HEATING OPERATING TABLE



DIMENSION	(W)400×(D)750×(H)120mm
MATERIAL	SUS304 Stainless Steel 1mnt Plate Fix Bar : SUS304 Stainless Steel 10φ Bar
TEMP	0~50°C
POWER	220V, 250W

JD-OT-02S SILICON OPERATING TABLE

* 실리콘



SIZE	(W)250×(D)300×(H)20mm
MATERIAL	Operating Table - Silicon 10t Plate Case - Acryl 10t Plate
ANIMAL	Rat, Mouse, Guinea-pig, Hamster

OPERATING TABLE

JD-OT-09 LARGE ANIMAL OPERATING TABLE



DIMENSION	(W)600 × (D)1500 × (H)850mm
MATERIAL	SUS304 Stainless Steel
	* 오물 Vat 포함

JD-OT-10 SPOTLIGHT OPERATING TABLE



DIMENSION	(W)500 × (D)800 × (H)850mm
MATERIAL	SUS304 Stainless Steel
LAMP	Halogen Lamp

JD-OT-11 FOLD OPERATING TABLE



DIMENSION	(W)700 × (D)900 × (H)800mm
MATERIAL	SUS304 Stainless Steel

JD-OT-12 WASHER OPERATING TABLE



DIMENSION	(W)650 × (D)1500 × (H)1000mm
MATERIAL	SUS304 Stainless Steel Plate (10 ∅ Hole)
	* Wash Hose 부착

JD-OT-06DT Heating Pad + Rectal Probe



DIMENSION	(W)250x(D)350mm - Rat용, (W)150x(D)200mm - Mouse용
MATERIAL	Silicon Pad
TEMP	37°C 유지
Rectal Probe	Rat, Mouse겸용

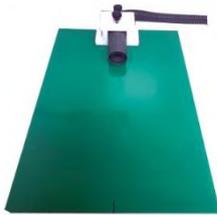
JD-OT-14 UP, DOWN AUTO OPERATING TABLE



DIMENSION	(W)650 × (D)950(1300) × (H)750-950mm
MATERIAL	SUS304 Stainless Steel

OPERATING TABLE

JD-OT-01MF 아크릴수술대
마취마스크고정용



DIMENSION	(W)250x(D)350x(H)80mm
MATERIAL	Acryl 10t plate
ANIMAL	Rat, Mouse, Guinea-pig etc.

JD-OT-01WT 아크릴수술대
나사고정식



DIMENSION	(W)250x(D)350x(H)80mm
MATERIAL	Acryl 10t plate
ANIMAL	Rat, Mouse, Guinea-pig etc.

JD-R-25M Mosue Stand Table



DIMENSION	(W)80 x (D)50mm
MATERIAL	Acryl

JD-R-25R Rat Stand Table



DIMENSION	(W)250 x (D)300mm
MATERIAL	Acryl

JD-OT-17 조직보관함



DIMENSION	(W)218x(D)345x15mm
MATERIAL	Acryl 투명

JD-OT-04A 아크릴수술대
(스프링고정)



DIMENSION	(W)250x(D)350x(H)80mm
MATERIAL	Acryl 10t plate

JD-OT-04S 고정용수술대
(스프링고정)



DIMENSION	(W)200x(D)350mm
MATERIAL	SUS304 Stainless steel

안락사챔버 Setting 참고 사진



Co2 흡착 Filter
JD-C-107-9

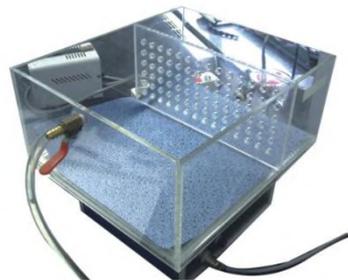
안락사 챔버
JD-C-107M

Flow Meter
JD-C-107-7

각종 안락사 챔버 및 아크릴 박스 참고 사진



투명 적색 아크릴 박스



하이폭시아 챔버

CARRIER

CARRIER

JD-CAR-01 1단 CART

T-4450



SHELF	1 Shelf
DIMENSION	(W)900×(D)600×(H)900mm
MATERIAL	SUS304 Stainless Steel 1.2mm Plate SUS304 Stainless Steel 30φ Round Pipe
CASTER	4 Inch Urethan Roller Stopper

JD-CAR-02 2단 CART



SHELF	2 Shelf
DIMENSION	(W)800×(D)800×(H)800mm
MATERIAL	SUS304 Stainless Steel 1.2mm Plate SUS304 Stainless Steel 30φ Round Pipe
CASTER	4 Inch Urethan Roller Stopper

JD-CAR-03 3단 CART



SHELF	3 Shelf
DIMENSION	(W)600×(D)800×(H)800mm
MATERIAL	SUS304 Stainless Steel 1.2mm Plate SUS304 Stainless Steel 30φ Round Pipe
CASTER	4 Inch Urethan Roller Stopper

JD-CAR-04 UNIVERSAL CARRIER



DIMENSION	(W)450×(D)600×(H)850mm
MATERIAL	SUS304 Stainless Steel

JD-CAR-05 DRESSING CART

T-4219



DIMENSION	(W)750×(D)450×(H)950mm
MATERIAL	SUS304 Stainless Steel

JD-CAR-06 WAGON



DIMENSION	(W)450×(D)600×(H)850mm
MATERIAL	SUS304 Stainless Steel

JD-CAR-07 CARRIER(2SHELF)

T-4223



DIMENSION	(W)650×(D)450×(H)900mm
MATERIAL	SUS304 Stainless Steel

JD-CAR-08 CARRIER(3SHELF)

T-4226



DIMENSION	(W)650×(D)450×(H)900mm
MATERIAL	SUS304 Stainless Steel

CARRIER

JD-CAR-09 DRESSING CART

T-4012



DIMENSION (W)600×(D)430×(H)850mm
 MATERIAL SUS304 Stainless Steel

JD-CAR-10 DRESSING CART

T-4212



DIMENSION (W)600×(D)430×(H)850mm(조립형, 고정형)
 MATERIAL SUS304 Stainless Steel

JD-CAR-13A CAGE CARRIER



< RAT 용 >

< MOUSE 용 >

DIMENSION (W)630×(D)960×(H)850mm
 MATERIAL Rat-4구, MOUSE-6구

JD-CAR-12 ANIMAL CARRIER



DIMENSION (W)450×(D)800×(H)850mm
 MATERIAL SUS304 Stainless Steel

JD-CAR-13 CAGE CARRIER



DIMENSION Mouse : (W)200×(D)260×(H)100mm
 Rat : (W)260×(D)420×(H)120mm
 MATERIAL SUS304 Stainless Steel

JD-CAR-14 FEED CARRIER



DIMENSION (W)500×(D)650×(H)800mm
 MATERIAL SUS304 Stainless Steel

WORKING TABLE etc.

WORKING TABLE etc.

JD-WT-01 WORKING TABLE



DIMENSION	(W)700×(D)500×(H)800mm
MATERIAL	SUS304 Stainless Steel, Wood

JD-WT-02 WORKING TABLE

T-4239



DIMENSION	(W)750×(D)450×(H)850mm
MATERIAL	SUS304 Stainless Steel

JD-WT-03 WORKING TABLE



DIMENSION	(W)1200×(D)700×(H)800mm
MATERIAL	SUS304 Stainless Steel

JD-WT-04 WORKING TABLE



DIMENSION	(W)1200×(D)700×(H)800mm
MATERIAL	SUS304 Stainless Steel

JD-WT-05 FOOT STOOL

T-2841
T-2842



DIMENSION	430×500×500 : 2단 700×500×500 : 2단
MATERIAL	SUS304 Stainless Steel

JD-WT-06 ROLLING LADDER



DIMENSION	2단-(W)450×(D)500×(H)500mm 3단-(W)500×(D)600×(H)800mm
MATERIAL	SUS304 Stainless Steel 1.2mm

JD-WT-07 HAND WASHING STAND

T-4472



DIMENSION	(W)700×(D)350×(H)850mm
	세면기 : φ350×110
MATERIAL	SUS304 Stainless Steel

SINK TABLE

JD-SIN-01 SINK TABLE(1조)



DIMENSION (W)600×(D)600×(H)800mm
MATERIAL SUS304 Stainless Steel

JD-SIN-02 SINK TABLE(2조)



DIMENSION (W)1200×(D)600×(H)800mm
(W)1500×(D)600×(H)800mm
(W)1500×(D)750×(H)800mm
MATERIAL SUS304 Stainless Steel

JD-SIN-03 SINK TABLE(3조)



DIMENSION (W)1200×(D)600×(H)800mm
(W)1500×(D)600×(H)800mm
(W)1500×(D)750×(H)800mm
MATERIAL SUS304 Stainless Steel

JD-SIN-04 LARGE SINK TABLE



DIMENSION (W)1500×(D)600×(H)800mm(1조, 2조)
MATERIAL SUS304 Stainless Steel

JD-SIN-05 CAGE WASHING SINK TABLE



DIMENSION (W)1200×(D)700×(H)850mm
MATERIAL SUS304 Stainless Steel

JD-SIN-09 AUTOPSY TABLE (부검테이블)



MODEL	규격	TOP
JD-SIN-09-1	800×1100×870mm	1EA
JD-SIN-09-2	800×1600×870mm	2EA
JD-SIN-09-3	800×2100×870mm	3EA

JD-SIN-07 SCRUB SINK



DIMENSION 2인용-(W)1400×(D)600×(H)1190mm
3인용-(W)2000×(D)600×(H)1190mm
MATERIAL SUS304 Stainless Steel

STORAGE CABINET

JD-SC-01 해부 · 수술기구 보관대



규격(mm)

L	W	H
900	400	1800
1200	450	1800

Material : SUS304 Stainless Steel

JD-SC-02 해부 · 수술기구 보관대



규격(mm)

L	W	H
900	400	1800
1200	450	1800

Material : SUS304 Stainless Steel

JD-SC-03 수술복 · 무균복 보관대

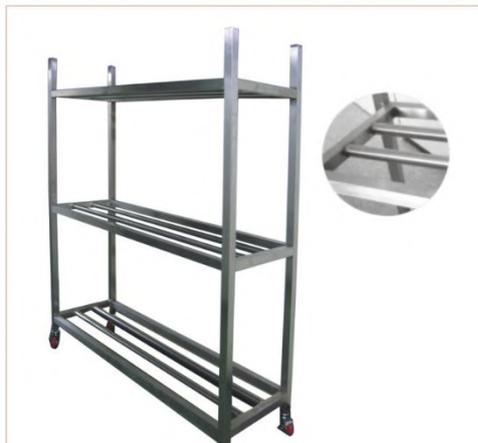


규격(mm)

L	W	H
900	550	1800
1200	550	1800

Material : SUS304 Stainless Steel

JD-SC-04 사료보관대



규격(mm)

L	W	H
1500	500	1800

Material : SUS304 Stainless Steel

DRYING RACK

JD-SC-05 CAGE 건조대



규격(mm)

DIMENSION	(W)1500×(D)500×(H)1800mm
MATERIAL	SUS 304 Stainless Steel

JD-SC-06 CAGE 건조대



규격(mm)

DIMENSION	(W)1500×(D)500×(H)1800mm
MATERIAL	SUS 304 Stainless Steel

JD-SC-07 기구건조대

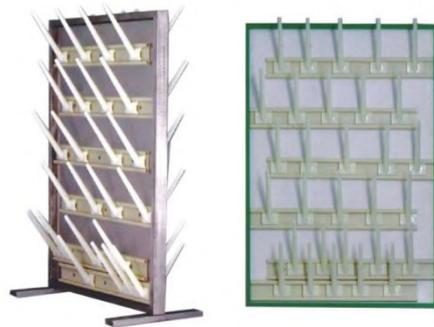


규격(mm)

·MATERIAL : SUS304 Stainless Steel

형식	W	D	H
A	750	450	1600
B	900	450	1600

JD-SC-08 초자류 건조대



〈스테인레스 A〉

〈프라스틱, 벽걸이형 B〉

SIZE	A - (W)600×(D)300×(H)800mm B - (W)600×(D)800×(H)800mm
MATERIAL	A - SUS 304 Stainless Steel B - Plastic
Hanger 수량	A - 60EA, B - 30EA

CAGE WASHER

CAGE WASHER

JD-SY-07-CWAD TABLE TOP CAGE WASHER



(Control Panel)

DIMENSION	OUT - (W)1500 X (D)850 X (H)1800mm CHAMBER- (W)1000 x (D)650 x (H)800mm
CAPACITY	520LITER
WATER TANK	30 LITER
WATER TEMPERATURE	60°C~85°C
PROCESS	washing ⇒ rinse
MATERIAL	All SUS304 stainless steel

== 특징 ==

- a. 간단한 조작
전원스위치 한번 조작으로 세척탱크를 채우고 가열하여 히터를 켭니다. 작동스위치 한번의 조작으로 말끔히 세척합니다.
- b. 고온의 세척수 공급
82°C이상의 행궁물을 공급합니다.
- c. 탁월한 세척력
최근에 설계된 분사패턴으로 모든 표면에 골고루 분사하여 세척합니다.
- d. 물과 세제절감
재순환된 세척수는 최종 행궁에 의해 보충됩니다.

CABINET

JD-E-17C DRYING CABINET



DIMENSION	(W)1000 x (D)700 x (H)1900mm(주문제작)
TEMP RANGE	0℃ ~ +50℃
SHELF	4 stage's
MATERIAL	All SUS304 stainless steel
TEMP DISPLAY	L.C.D Display Type
POWER	220V, 1Ph, 50/60Hz

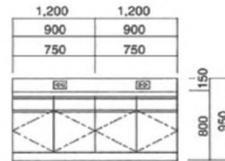
JD-AC-001 ANIMAL CABINET



1. CAGE 수량에 맞게 주문제작
2. LED LAMP (24HR TIMER)
3. 흡음재 부착
4. Door 빛 차단 - SUS Plate

SIDE TABLE

JD-ST-01

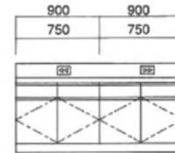
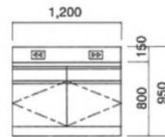


· MATERIAL : Ceramite

규격(mm)

L	W	H
1200	750	800
1500	750	800
1800	750	800

JD-ST-02

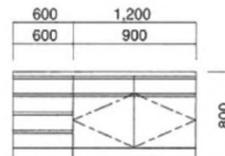


· MATERIAL : Ceramite

규격(mm)

L	W	H
1200	750	800
1500	750	800
1800	750	800

JD-ST-03



· MATERIAL : Ceramite

규격(mm)

L	W	H
1200	750	800
1500	750	800
1800	750	800

SIDE TABLE etc.

JD-ST-04



·MATERIAL : Ceramite

규격(mm)

L	W	H
1500	750	800
1800	750	800
2400	750	800

JD-ST-05



·MATERIAL : Ceramite

규격(mm)

L	W	H
2400	750	800
3000	750	800
3600	750	800

JD-ST-06



·MATERIAL : Ceramite

규격(mm)

L	W	H
2400	750	800
3000	750	800

SIDE TABLE etc.

SIDE TABLE etc.

MOVING BENCH

JD-ST-07



JD-ST-08



JD-ST-09



JD-ST-10



SIZE (W)550×(L)600×(H)750

JD-ST-11



· MATERIAL : Ceramite

규격(mm)

L	W	H
1500	750	800
2400	750	800
3000	750	800

JD-ST-12



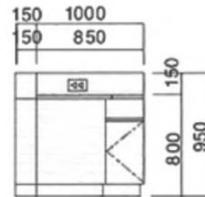
· MATERIAL : Ceramite

규격(mm)

L	W	H
1800	750	800/1800
2400	750	800/1800
3000	750	800/1800

SIDE TABLE etc.

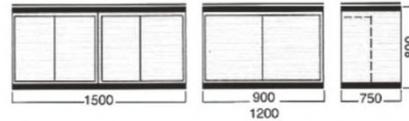
JD-ST-13 CORNER TABLE



·MATERIAL : Ceramite 규격(mm)

L	W	H
1000	1000	800

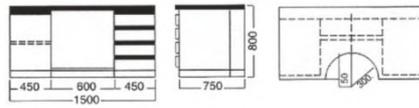
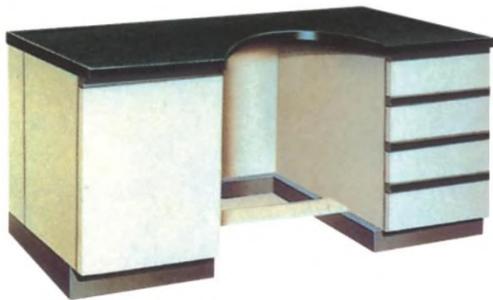
JD-ST-14 천평대



·MATERIAL : 마천석 or Ceramite 선택 규격(mm)

L	W	H
900	600/750	800
1200	600/750	800
1500	600/750	800

JD-ST-15 MICRO SCOPE TABLE



·MATERIAL : Ceramite 규격(mm)

L	W	H
1200	750	800
1500	750	800
1800	750	800

WORK TABLE

JD-ST-16



JD-ST-24 SIDE TABLE(알루미늄 FRAME)

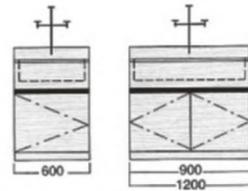


JD-ST-25 SIDE TABLE(알루미늄 FRAME)



SINK TABLE

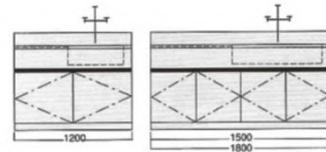
JD-ST-19



규격(mm)

L	W	H
600	750	800
900	750	800
1200	750	800

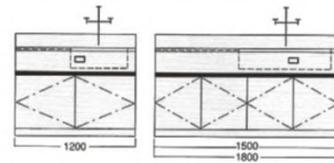
JD-ST-20A



규격(mm)

L	W	H
1200	750	800
1500	750	800
1800	750	800

JD-ST-21A



규격(mm)

L	W	H
1200	750	800
1500	750	800
1800	750	800

CENTER TABLE

JD-CT-01



· MATERIAL : Ceramite

규격(mm)

L	W	H
1800	1500	800/1800
2400	1500	800/1800
3000	1500	800/1800

JD-CT-02



· MATERIAL : Ceramite

규격(mm)

L	W	H
2400	1500	800/1800
3000	1500	800/1800
3600	1500	800/1800

JD-CT-03A



· MATERIAL : Ceramite

규격(mm)

L	W	H
3000	1500	800
3600	1500	800
4200	1500	800

CENTER TABLE

JD-CT-04 FRAME TYPE



MATERIAL : Ceramite

규격(mm)

L	W	H
2400	1500	800/1800
3000	1500	800/1800
3600	1500	800/1800

JD-CT-05



MATERIAL : Ceramite

규격(mm)

L	W	H
3000	1500	800/1800
3600	1500	800/1800
4200	1500	800/1800

JD-CT-07 알루미늄 FRAME TYPE



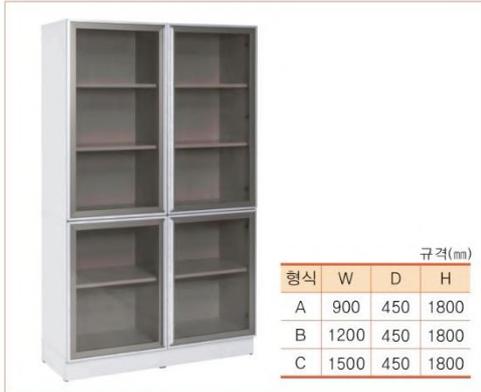
MATERIAL : Ceramite

규격(mm)

L	W	H
3000	1500	800/1800
3600	1500	800/1800
4200	1500	800/1800

STORAGE CABINET

JD-SCT-01



JD-SCT-02



JD-SCT-03



JD-SCT-04



JD-SCT-05 HOOD STORAGE CABINET(밀폐형 배기 시약장)



FEED INSTRUMENT

JD-FI-01 HOUR MIXER



DIMENSION	(W)600×(D)430×(H)760mm	기어	4단 변속
R.P.M	0~500rpm	POWER	220V, 330W

JD-FI-02 사료제조기



DIMENSION	(W)500×(D)700×(H)800mm
R.P.M	18,000rpm
POWER	220V, 50/60Hz, 30A

JD-FI-03 사료분쇄기



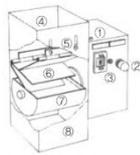
DIMENSION	(W)450×(D)400×(H)1100mm
DRIVE MOTOR	15HP
POWER	220V

JD-FI-04 사료건조기



DIMENSION	제작사양
MOTOR	1/2Hp+2EA, Heater

JD-FI-05 자동 사료 급이장치



- ① 구동부 ② 구동스위치
- ③ 카운터부 ④ 먹이통
- ⑤ 먹이량 조정 나사 ⑥ 제어판
- ⑦ 계량부 ⑧ 본체

METARIAL	SUS304 Stainless Steel
POWER	110V
TIMER	24시간 제어 (자유설정)

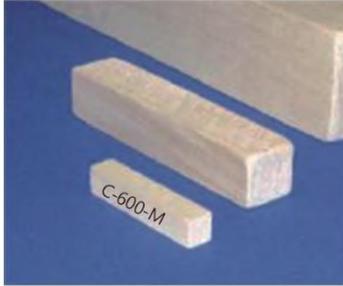
JD-FI-06 사료멸균함



DIMENSION	(W)400×(D)500×(H)300mm
MATERIAL	SUS304 Stainless Steel

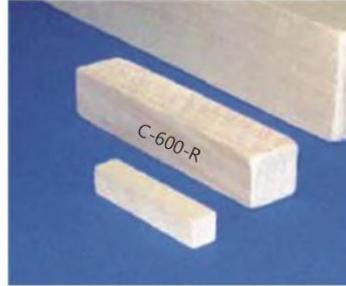
ENRICHMENT (스트레스해소, 장난감)

JD-C-600-M MOUSE TOY



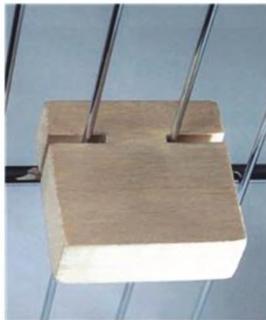
DIMENSION	10 x 10 x 40mm
MATERIAL	Aspen
BOX	1500EA

JD-C-600-R RAT TOY



DIMENSION	20 x 20 x 100mm
MATERIAL	Aspen
BOX	260EA

JD-C-600-RA RABBIT TOY



DIMENSION	58 x 23 x 65mm
MATERIAL	Aspen
BOX	100EA

JD-C-7979C DIAMOND TWISTS



DIMENSION	23cm
BOX	210EA/PK, 9PK/Box
MATERIAL	천연펄프

신제품 소개

JD-S-401 Dressing Paper (위생방수코팅지), 수술패드

Dressing Paper (위생방수코팅지)



[위생 방수지]

흡수력에 뛰어나고 사용이 편리한 드레싱 페이퍼 위생방수 코팅지입니다



구분	규격	포장단위	단위
종	45x33cm	250매/6팩	pack

드레싱 페이퍼(위생방수 코팅지)의 특징점

- 규격화 된 전용 용기에 대용량 포장으로 사용이 편리합니다.
- 흡수층의 평량 강화로 빠르게 흡수되어 액체가 흘러 내리는 것을 방지합니다.
- 카톤 포장 방식으로 이물질의 오염으로부터 안전하며 보관이 편리합니다.

..... Detail View



작고 아담한 사이즈의 심플한 디자인

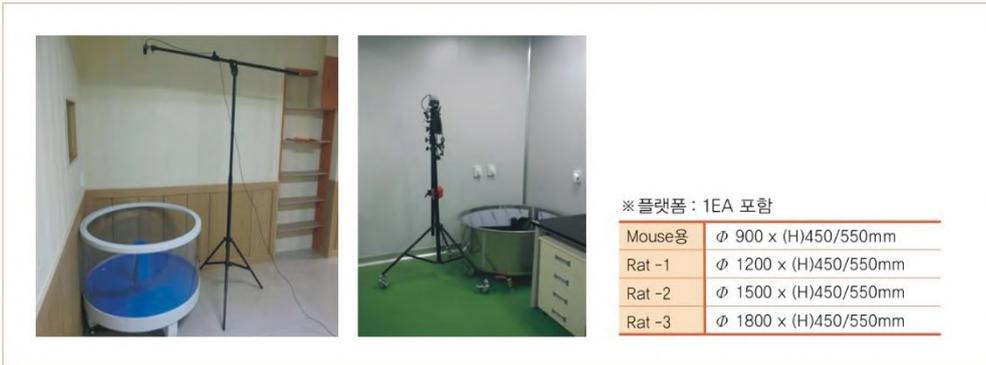


실험동물 행동 실험기기

JD-SI-11K BARNES MAZE (반스메이즈)



JD-A-19A Water Maze (원형수조) 카메라 장착

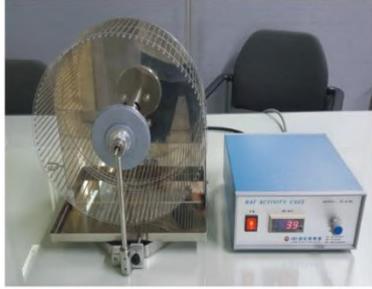


JD-SI-11L Activity Box



실험동물 행동 실험기기

JD-A-06A Activity Cage(강제주행)



DIMENSION	φ310 x (W)100MM
MATERIAL	SUS304 stainless steel
POWER	220V, 60Hz
MOTOR	150RPM

JD-SI-11S Activity Wheel



DIMENSION	φ140 x (W)60mm
Material	SUS304 stainless steel
주행방식	자유주행

JD-SI-11T ENRICHMENT- 객체인식



〈사각뿔〉



〈사각기둥〉



〈원기둥〉

※요청하시는 규격 색상으로 주문제작 가능합니다.

신제품 소개

JD-C-107A 소동물용 흡입마취기



〈흡입마취기 연결사진〉

※ Option 구매

1. O₂ Gas + Regulator
2. 산소통 거치대
3. 마취제
4. 연식분배기



JD-C-107A-4

※ 특징

- 산소(O₂)로 마취제를 기화시켜 마취를 유지하므로 동물에게 안전한 마취를 할수 있다.
- 가스조절 밸브와 에어조절 밸브가 있어 원하는 마취 가스량을 조절할수 있다.
- 밀폐형 증발기 사용으로 불필요한 증발 및 냄새가 없다.
- 밀폐형 중화기 사용으로 냄새와 독성이 제거된다.
- 투명창이 있어 기계작동 상황을 관찰할수 있다.
- 무소음 무진동 Air Pump 사용으로 정숙하다.
- 타이머 부착으로 수술시간, 마취시간, 회복시간을 체크 할수 있다.
- 마취 -> 마취유지 -> 회복으로 사용된다.
- 질식사 챔버 겸용으로 체혈등에서도 냄새없이 활용할수 있다.
- 정밀 Flow Meter로 미세조절이 가능하다.

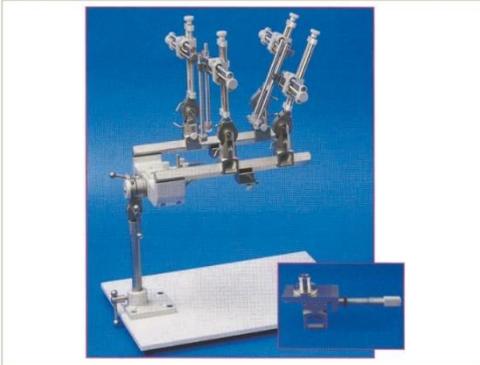
※ 사양

- 1) Model : JD - C - 107A
- 2) Dimension : (W)410 x (D)225 x (H)230mm
Gas Chamber : (W)200 x (D)225 x (H)230mm
Control : (W)210 x (D)225 x (H)230mm
마취 Mask : Rat용 1EA, Mouse용 1EA
Board : (W)120 x (D)180mm Mouse용 1EA
Board : (W)200 x (D)300mm Rat용 1EA 택 1
Gas 증발기 : 150ml Bottle
Gas 중화기 : 150ml Bottle
Gas Flow Meter : 1000cc/Min
- 3) Gas 조절 Valve, Air 조절 Valve (마취량조절)
- 4) 무소음 무진동 Air Pump 사용



STEREOTAXIC INSTRUMENT

JD-SI-01 LARGE ANIMAL STEREOTAXIC



■ MODEL 소개 : 만능형 뇌심부 고정장치

본 제품은 뇌심부의 특정부위에 전극등을 3차원 좌표에 따라 삽입하는 장치이다. 동물의 머리는 단단히 고정되어야 하고 뇌나 혹은 머리 또는 일정한 부위의 일부분에서 시험을 행할 때 제 위치에 정확히 고정되어야 한다. 안정된 위치에 머리 또는 일정한 부위를 정확히 고정할 수 있는 기구가 Stereotaxic 장치인 것이다.

■ FEATURE

·Standard형의 "U" Frame Set만 가지고 있으면, Rat를 비롯하여 Mouse, Cat, Monkey, Piegon, Birds, Dog, Rabbit등의 동물을 Holder와 Ear Bar만 교환하여 모든 동물을 실험 할 수 있도록 설계 제작되어 있습니다.

▶ STANDARD UNIT

A : BODY

- "U" Frame Body(360° Revolution)
- "U" Frame Bar
- Ear Bar
- Head Adaptor
- Electrode Carrier

B : BASE PLATE

- Universal Plate
- Plate Controller
- Table

C : ACCESSORIES

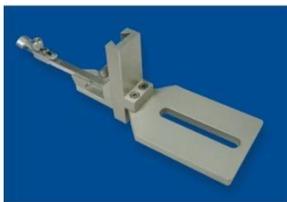
- Electrode Manipulator
- X-Block
- Joint Bar & Nut
- Clamp Bar

▶ OPTION

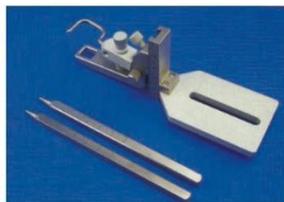
- Spinal unit
- Thigh holder
- Hip Clamp
- Electrode Fuller
- Micro injector
- Illuminator
- Hand Drill
- Stereo Micro Scope Stand

JD-SI-04 STEREOTAXIC ADAPTERS

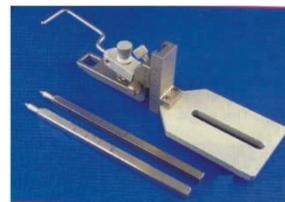
JD-SI-04A Mouse



JD-SI-04B Rat



JD-SI-04C Guinea-Pig



JD-SI-04D Cat/Monkey



JD-SI-04E Dog/Monkey



JD-SI-04F Small Bird



STEREOTAXIC INSTRUMENT

JD-SI-02 SMALL ANIMAL STEREOTAXIC



ANIMAL	Small Animal
MATERIAL	Duraluminum
Adaptable for use with Variety of small Animals	

JD-SI-03 SYRINGE PUMP+INJECTOR



CAPACITY	0.01~200 μ l/min
CABLE	1800mm
SYRINGE	Hamilton Syringe 1, 5, 10, 25, 50, 100 μ l 중 선택

JD-SI-05A GAS ANESTHESIA MASK



Mouse	Rat
※ Adaptor는 Option임	

JD-SI-05B MOUSE, RAT NEONATAL ADAPTOR



JD-SI-06AS ANESTHESIA INSTRUMENT



O2 Flow Meter	1~1000cc/min
N2O Flow Meter	1~1000cc/min
※ O2, N2O 한가지만으로도 선택가능.	

JD-SI-02-D STEREOTAXIC-DIGITAL



ANIMAL	Rat, Mouse 겸용 (택 1)
TYPE	Digital

STEREOTAXIC INSTRUMENT

STEREOTAXIC INSTRUMENT

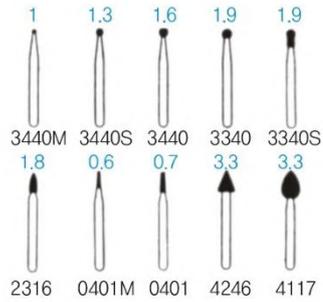
JD-SI-08A STEREOTAXIC HAND DRILL



DIMENSION	(W)112×(D)153×(H)76mm
POWER	110/220V, 50/60Hz

JD-SI-09 DRILL POINT

Drill Point



JD-SI-10 SHUTTLE BOX(회피학습상자)



JD-SI-10R	Rat용 (W)515×(D)260×(H)400mm
JD-SI-10M	Mouse용 (W)410×(D)210×(H)300mm

JD-SI-09T TREPHINE BURS(트레핀바)



SIZE 2mm~9mm(외경)

JD-SI-11 MAZE etc. (행동반응 및 약물반응 테스트 제품)



A. Y-MAZE

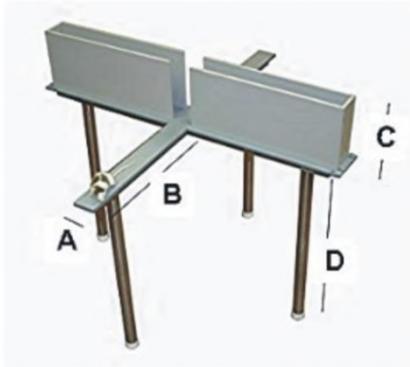
B. RADIAL ARM MAZE

C. T-MAZE

* 카탈로그 등록제품 이외에도 필요하신 장비 주문제작합니다.

MAZE etc. (행동반응 및 약물반응 테스트 제품)

JD-SI-11 MAZE etc.(행동반응 및 약물반응 테스트제품)



D. Elevated PLUS MAZE



E. OPEN FIELD *색상선택<검정, 흰색>



F. VON FREY FILAMENT



G. ANY MAZE



H. 통증실험대

STEREOTAXIC INSTRUMENT

MAZE etc. (행동반응 및 약물반응 테스트 제품)

STEREOTAXIC INSTRUMENT

JD-SI-11T TAIL SUSPENTION TEST



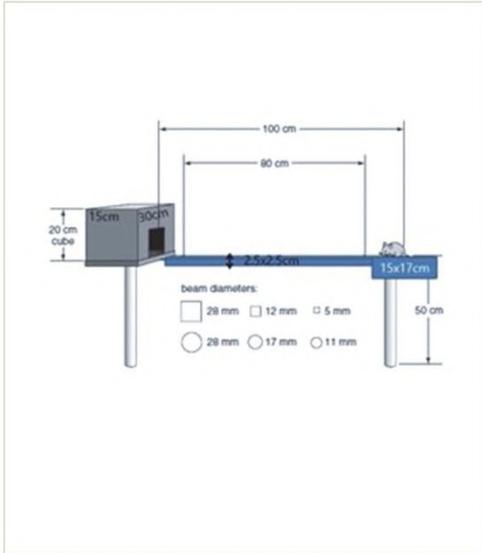
JD-SI-11R DARK & LIGHT BOX



JD-SI-11FST FORCED SWIMMING TEST



JD-SI-11S BEAM TEST



신제품 소개

JD-WT-06A 이동식 발판



DIMENSION	(W)430 x (D)500 x (H)500 2단
MATERIAL	SUS304 Stainless Steel

* 요청규격에 맞게 주문제작 가능합니다.
1단, 3단, 또는 사이즈 변경 가능

* 사용시 고정되며, 이동시 손잡이를 잡고 기울이면 바퀴가 지면에 닿아 이동이 편리합니다.

STEREOTAXIC INSTRUMENT

JD-C-83CAR WATER BOTTLE CASE CART (물병케이스 이동카트)



* 다량의 물병케이스 이동시 사용됩니다.
* 사용중이 물병 및 물병케이스에 맞게 주문제작 가능합니다.

ANIMAL RESEARCH APPARATUS

JD-A-05 MOUSE ACTIVITY CAGE

JD-A-06 RAT ACTIVITY CAGE

* 강제주행방식 제작가능

SIZE	φ 320 × (W)100mm
COUNTER	5행 "0" 복귀형
CAGE	SUS304 Punching Plate
DIMENSION	(W)380 × (D)280 × (H)380mm

JD-A-07TS ROTA-ROD(TOUCH SCREEN)

Rat용 Mouse용

* JD-A-07 TSRM (RAT, MOUSE 겸용)

	JD-A-07-TSR (RAT)	JD-A-07-TSM (MOUSE)
DIMENSION	(W)550 x (D)500 x (H)550mm	(W)300 x (D)280 x (H)420mm
LANE	Rat - 5Lane	Mouse - 5Lane
RPM	10~50 RPM	10~50 RPM
DJRM	90MM	30MM
Acceleration	Forward / Reverse	
DISPLAY	Touch Screen Display 7"	

JD-A-09TS TREADMILL (TOUCH SCREEN)

	JD-A-09TSM(Mouse용)	JD-A-09TSR (Rat용)
DIMENSION	(W)650x(D)400x(H)350mm	(W)800x(D)500x(H)400mm
LANE	Mouse-5Lane	Rat - 4Lane
SPEED	5~50 RPM	
INCLINATION(경사)	-10 - 25°	
Running Modes	Constant / Acc. Forward / Acc. Reverse	
DISPLAY	Touch Screen Display 7"	

JD-A-09 TREADMILL

·Rat 또는 Mouse를 강제로 주행시키는 기기이다.
주행부의 종단에 설치한 막대 전극부터 동물다리의 뒤에 전기자극을 주므로 동물에게 손상을 입히지 않는다.

주행속도	5~70m/min (Digital)
경사각도	0~10 이상
전기자극	AC 50mA 0~60V

ANIMAL RESEARCH APPARATUS

JD-A-10 HOT PLATE ANALGESIA METER



·Hot Plate는 "Hot Plate Test"에 따라 (Morphine Codeite, 기타등등)의 진통성 마취약의 빠르고 정확한 집단 검진을 하기위한 기기입니다. 고체상태가 0.1℃단계로 Plate가 모니터에 음독합니다.

POWER	115 or 220Volt, 50/60Hz
OVERALL DIMENSION(excluded hood)	(W)250×(D)250×(H)120mm
WEIGHT	7kg

JD-A-11 TAIL FLICK UNIT



·Tail Flick Unit는 D'Amour & Sanith 연구결과에 따라 Rat 꼬리에 진통성 약물의 빠르고 정확한 Screening을 실험하기 위해 고안된 기기입니다.

POWER	110/220V, 60Hz
DIMENSION	(W)430×(D)200×(H)110mm

ANIMAL RESEARCH APPARATUS

JD-A-12 ANALGESY METER



·Rat 또는 Mouse에 약물투여후 발에 진통을 주어 진통정도를 측정하는 기기이다

DIMENSION	(W)400×(D)140×(H)140mm
WEIGHT	5kg
POWER	110/220V, 60Hz

JD-A-13 ELECTROCONVULSIVE DEVICE



·소동물용으로서 5~10Hz 까지 Pulse rate, 0.1~1ms까지의 Pulse width, 그리고 0.1에서 6 Second까지의 Variable duration의 동등한 wave를 제공합니다. 이 기기는 operator에 의해 current pre-set가 포함된 전압을 자동으로 조절합니다.

ELECTRO	Convulsive Device
AURICULAR	Electrodes
DIMENSION	(W)270×(D)370×(H)130mm
POWER	110/220V, 60Hz
OPTION	Foot Pedal

ANIMAL RESEARCH APPARATUS

JD-A-10A HOT PLATE (국내제작)



ANIMAL	Rat, Mouse 겸용
DIMENSION	Cylinder ϕ 250 x (H)300mm
POWER	220V, 60Hz
TEMP RANGE	30°C to 65°C \pm 2°C

JD-A-15 BLOOD PRESSURE ANALYSIS SYSTEM



※ Mouse & Rat

A-15-M-4 (Mouse 4마리용)	Blood Pressure Analysis System with Four-Channel Mouse Platform Control Unit, Notebook Computer, Analysis Software License, AccessoriesKit, and one set of Mouse Holders (specifysize)
A-15-R-2 (Rat 2마리용)	Blood Pressure Analysis System with Two-Channel Rat Platform Control Unit, Notebook Computer, Analysis Software License, AccessoriesKit, and one set of Rat Holders (specifysize)

JD-A-11A TAIL FLICK UNIT (국내제작)



ANIMAL	Rat, Mouse 겸용
DIMENSION	(W)450 x (D)260 x (H)150mm
POWER	220V, 60Hz
LAMP	Halogen Lamp

JD-A-22 GRIP STRENGTH METER



DIMENSION	(W)200 x (D)300 x (H)180mm
ANIMAL	Rat용, Mouse용

ANIMAL RESEARCH APPARATUS

JD-A-18 PYROGEN TESTER



Computer requirements	1.5 GHz Processor, 256 MB of RAM, 1 USB and 1 Serial port available
System requirement	Windows™ XP compatible operating system
PROBOX 15	Scanner for 15 probes
TEMPERCO	Pyrogen Test Software
Probe Size	Temperature probe for rabbits(4.2mm)

JD-A-19 WATER MAZE SYSTEM



* T형, Y형 Maze 제작

재질	SUS304 Stainless Steel 스테인레스제, 칸막이틀, Acryl
DIMENSION OUT	(W)1650×(D)1400×(H)650mm
DIMENSION IN	(W)1550×(D)1300×(H)500mm

* 자세한 사항은 44-1페이지 참고



JD-A-13A ELECTRO CONVULSIVE DEVICE (국내제작)



ANIMAL	Rat, Mouse 겸용
DIMENSION	(W)350 x (D)300 x (H)150mm
SHOCK DURATION	0.1~9.9sec / 0.1sec step
CURRENT RANGE	0~2mA / 0.2mA step

JD-A-21 PLETHYSMOMETER



·Plethysmometer는 Volumemeter로 조작된 마이크로 컴퓨터의 중앙처리 장치로서 Rat의 발의 팽창을 정확히 측정하는 기기입니다. 이 기기의 특징은 PC에 직접 접속시켜 동물의 무게와 발의 용량을 진행시킬수 있고 더불어 프린트시킬 수 있다.

POWER	110/220V, 50/60Hz, 30VA MAX
WATER CELL	Mouse : φ 12 Option : φ 25, φ 35

EXPERIMENTAL EQUIPMENT

JD-E-02-1 PERISTALTIC PUMP-1채널

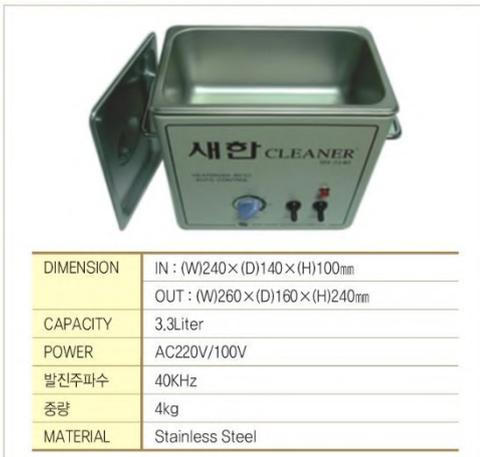


JD-E-02-2 PERISTALTIC PUMP-2채널



	JD-E-01-1 (YZ1515X)	JD-E-02-2 (DG2)
SPEED	100 rpm	100 rpm
SPEED RESOLUTION	0.1 rpm	0.1 rpm
FLOW	0.07~380ml/min	0.00025~48ml/min
CHANNEL	1 CHANNEL	2~4 CHANNEL (선택)
기능	속도조절, 역회전, 현재 rpm 표시	

JD-E-03 ULTRA SONIC CLEANER(초음파세척기)



JD-E-04 ULTRA SONIC CLEANER(초음파세척기)



JD-E-05 MAGNETIC STIRRER



JD-E-06 MAGNETIC STIRRER (Digital)



EXPERIMENTAL EQUIPMENT

JD-C-119 FEEDING TUBE



SIZE	Rat용 - 150ml
	Mouse용 - 80ml
용도	점성이 있는 사료 및 시료 급이시 사용

JD-E-08 WATER BATH(교반 항온수조)



JD-E-09 SHAKING WATER BATH



SPEC		MODEL	E-08	E-09
BASIC			Basic Ceramic Coated Incoloy Sheath Heater	
			Feed Back Controlled Shaking System	
			Digital P.I.D Temp. Control With pt-100	
			Flexible Spring Rack	
SHAKING		STROKE	Stroke Length Adjustable	
		STROKE LENGTH	10~180 r.p.m	
		RACK SIZE	15, 20, 25, 30mm Adjustable	
BATH DIMENSION(D×W×H), VOL(L)			24×24	394×23
TEMP	RANGE		34×30×15/15L	50×30×20/30L
	ACCURACY		RT +5℃~100℃ (3℃~100℃ With Cooler)	
ELECTRIC	BASIC		±0.05℃ at 40℃, ±0.05℃ Uniformity	
	CONSUMPTION		220V AC 60Hz	
	SAFETY		Individual Fuse for Bath and the Shaking Module	

EXPERIMENTAL EQUIPMENT

JD-E-10 HEATING BATH



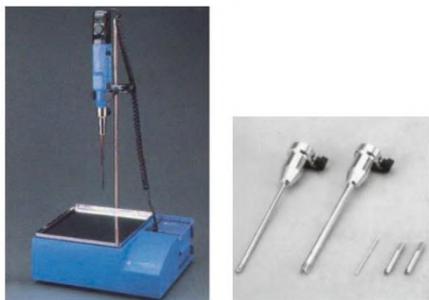
TEMP. RANGE	250°C
HEAT POWER(W)	800W
SET/CONTROL ACC	± 10/± 5, ± 1/± 2°C
VOLUME(L)	2
INT-φ HEIGHT	190mm top/114
DIMENSION	(W)200×(D)235×(H)238mm
MAGNETIC STIRRER	20~1100rpm

JD-E-11 MECHANICAL STIRRER



STIRRING QUANTITY	20 Liter
SPEED RANGE	50~2000 min
DIMENSION	80×190×222mm
WEIGHT	2.8kg
CHUCK RANGE	0.5~10mm
MOTOR RATING INPUT/OUTPUT	75/55W

JD-E-12 HOMO GENIZER



VOL RANGE(ml)	0.1~5
SHAFT TUBE	5mm Diameter
STATOR	5mm Diameter
ROTOR	3.8mm Diameter
CIRCUM. SPEED	4.9m/sec
ULTIMATE FINENESS	5~25μm
EMULSION	1~10

JD-E-13 HOMO GENIZER



SIZE
1ml
2ml
5ml
10ml
15ml
30ml
55ml

* TEFLON PESTLE, GLASS PESTLE 선택

SIZE	1ml, 2ml, 5ml, 10ml, 15ml, 30ml, 55ml
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EXPERIMENTAL EQUIPMENT

JD-E-14 MUFFLE FURANCE(전기로)



VOL/INTEMAL SIZE	3.6L/10×15×24
EXTEMAL DIMENSION	(W)63×(D)45×(H)53
ELECTRIC	220 Ac 2500W
TEMPERATURE	Ambient +50℃ to 1150℃
CONTROL	Digital P. I. D-controller with K Sensor

JD-E-15 INCUBATOR(배양기)



Temp Range(℃)	Ambient(주변온도) + 5 to 70
Temparture Flucation	37℃ (±℃) 0.1
Chamber volume	60 Liter (102L, 150L 별도건설)
Dimensions Power	In - (W)400 × (D)360 × (H)420mm
	Out - (W)595 × (D)555 × (H)745mm
Heater	300W

JD-E-16 DRY OVEN



SIZE	In : (W)450 × (D)475 × (H)450mm
	Out : (W)580 × (D)600 × (H)840mm
POWER	220Vac 1ph 50/60Hz, 1.6Kw
TEMP	Ambient 15 to 250℃

JD-E-17 DRY OVEN



SIZE	In : (W)600 × (D)500 × (H)500mm 150L
	Out : (W)730 × (D)650 × (H)870mm
POWER	220Vac 1ph 50/60Hz, 1.6Kw
TEMP	Ambient 15 to 250℃

EXPERIMENTAL EQUIPMENT

JD-E-18 EPPENDORF TUBE



CAPACITY	0.25ml, 0.5ml, 1.5ml, 1.8ml
BOX	500EA, 1000EA
MATERIAL	Polyethylene

JD-E-19 TUBE RACK



MATERIAL	Polypropylene, 80Hole
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JD-E-20 MICRO CENTRIFUGE



CAPACITY	24 × 15ml
TUBE SIZE	30 × 133mm
POWER	AC110/220V, 50/60Hz
SPEED	5100rpm
BRAHE	One Touch

JD-E-21 VORTEX MIXER



TYPE	시험관형
회전판 재질	NBR
회전범위	0-300rpm
전원	AC 100V 또는 220V, 60Hz
크기	(W)100 × (D)160 × (H)165mm
중량	약 5kg

EXPERIMENTAL EQUIPMENT

소형망 (MESH BRASS)

JD-E-22	JD-E-23	JD-E-24	JD-E-25
			
大 : ϕ 30 × (H)12m 中 : ϕ 25 × (H)10m 小 : ϕ 20 × (H)8m	ϕ 25 × (H)10m	大 : ϕ 50 × (H)80m 中 : ϕ 45 × (H)50m 小 : ϕ 30 × (H)20m	ϕ 50 × (H)50m

JD-E-26 배지 STAND

		<table border="1"> <tr> <td>Hole</td> <td>2EA, 3EA 선택</td> </tr> <tr> <td>MATERIAL</td> <td>SUS304 Stainless Steel</td> </tr> </table>	Hole	2EA, 3EA 선택	MATERIAL	SUS304 Stainless Steel
Hole	2EA, 3EA 선택					
MATERIAL	SUS304 Stainless Steel					

JD-E-27 장기표본촬영장치

				
<p>■ 장기 표본 촬영장치</p> <table border="1"> <tr> <td>외치수</td> <td>(W)700 × (D)805 × (H)1425mm (사용시 W1670mm)</td> </tr> <tr> <td>전원</td> <td>AC 220V, 50/60Hz</td> </tr> </table>	외치수	(W)700 × (D)805 × (H)1425mm (사용시 W1670mm)	전원	AC 220V, 50/60Hz
외치수	(W)700 × (D)805 × (H)1425mm (사용시 W1670mm)			
전원	AC 220V, 50/60Hz			

JD-E-27A 촬영장치

<p>2개의 조명(60W×2)이 포함되어 있어 보다 퀄리티있는 결과물을 얻을 수 있습니다.</p> 

EXPERIMENTAL EQUIPMENT

JD-E-28 AUTO MICRO PIPETTOR



	VOLUME
JD-PO(A)	0.2-10 μ l
(B)	5-100 μ l
(C)	10-250 μ l
(D)	20-500 μ l
(E)	50-1000 μ l
(F)	1000-5000 μ l

JD-E-29 MULTI MICRO PIPETTOR



	VOLUME	CHANNEL
JD-PO(A)	5-100 μ l	4
(B)	25-250 μ l	4
(C)	50-1200 μ l	8

PIPETTOR RACK

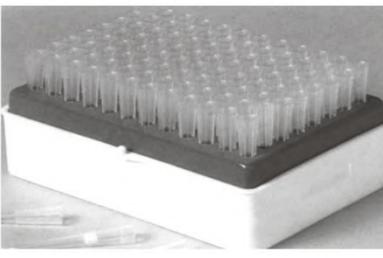
JD-E-30	JD-E-31
	

MATERIAL	Plastic
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JD-E-33 PIPETTE TIPS

	COLOR	VOLUME
ULTRA-MICRO 	WHITE	0.5~10 μ l
ECONOMY 	YELLOW	0.5~250 μ l
SUPERFINE 	WHITE	200-1000 μ l (400 pack)
ECONOMY 	BLUE	200~1000 μ l

JD-E-32 TIP RACK



MATERIAL	Plastic
----------	---------

EXPERIMENTAL EQUIPMENT

JD-E-34

MICRO JET



DIMENSION	(W)310×(D)220×(H)390mm	TANK CAPACITY	3.8ℓ
WEIGHT	약 4.2kg	POWER	AC 100V

JD-E-35

FOG MASTER



DIMENSION	(W)310×(D)220×(H)390mm	TANK CAPACITY	3.8ℓ
WEIGHT	약 4.2kg	POWER	AC 100V

JD-E-36

TURN TABLE



TIMER SWITCH	0~30분	SIZE	30 φ × 17.5cm
POWER	AC 100~110V 50/60Hz, 6W	WEIGHT	4.2kg
구동방식	DOUBLE MOTORS		

JD-E-37

FORMALIN GAS BURNER



CAPACITY	300g~2,000g	TIME	30분~4시간
SIZE	φ 280 × (H)520cm	POWER	AC 100V 600W

JD-E-38

초미립자 분무소독기



CAPACITY	3LITER
SIZE	150x550x250mm, 3kg
분사거리	5~10M [*]

JD-E-39

HIGH PRESSURE WASHER



PRESSURE	30~35kg/cm ²	DIMENSION	(W)420×(D)680×(H)800mm
CAPACITY	8.75/7.25ℓ /min	HOSE	318×10cm
POWER	AC 100V 750W	NOZZLE	JET NOZZLE

EXPERIMENTAL EQUIPMENT

ULTRA VIOLET WATER FLOWING STERILIZER etc.

JD-E-40 ULTRA VIOLET WATER FLOWING STERILIZER



살균처리능력	500ℓ	1000ℓ	2000ℓ
POWER	110/220V, 50/60Hz		
살균등내수압력	3kg/cm ²		
여과정도	5~25micro		
DIMENSION	(W)450×(D)250×(H)550mm	(W)600×(D)400×(H)650mm	(W)880×(D)550×(H)700mm
WATTS	1.4W	1.8W	4.2W

JD-E-41 DISTILLING APPARATUS



	4ℓ /Hr	8ℓ /Hr	12ℓ /Hr
POWER	220V, 3Kw	220V, 6Kw	220V, 8Kw

JD-E-42 수처리용 LAMP



CAPACITY	11W, 16W, 39W, 75W
용도	수처리용 램프

JD-E-43 WATER FILTER



FILTER	0.5~10 micron
MATERIAL	Polycarbonate

JD-E-44 VACCUM CLEANER



CAPACITY	38ℓ, 60ℓ
POWER	220V, 1.5Kw

ENVIRONMENT CONTROLLED REARING SYSTEM(동물환경제어기기)

■ FEATURE

- 높은 청정도, 고도의 안정성 : Prefilter→Carbon Filter→Hepa Filter를 사용하고 있어 고도의 집진효과(0.3Micro/99.99%)
- 온, 습도의 자동조절 : Cabinet의 온, 습도를 자유로이 설정할 수 있고 설정된 온도, 습도에 따라 냉·난방, 제습, 가습이 자동으로 조절된다.
- 제품의 소형화에 의한 최고의 효과 : 좁은장소, 실험실등에 최소의 공간으로 최고의 동물 사육과 실험을 수행할 수 있다.
- 뛰어난 내구성 : Cabinet은 SUS304 Stainless로 제작되어 반영구적이다.
- 냄새 발생의 극소화 : 이중 Door와 양압→음압에 의한 기류방식과 활성탄 Filter의 채택으로 냄새발생을 극소화 했다.

※ 주문에 따라 Dimension은 변경할 수 있음.

JD-SY-01 E.C.R.S(항온항습동물장)



DIMENSION	Cabinet(W)1650×(D)800×(H)1950mm 항온항습기 (W)730×(D)650×(H)1950mm
SHELF	Mouse Cage 5 Stage's×6row's Rat Cage 5 Stage's×5row's
TEMP	23℃±2℃
HUMINITY	55%±7%
DUST FREE	HEPA FILTER 0.3micro/99.99%
AIR VOLUME	35CMM
LIGHT	40W×1Set
POWER	3Phase, 220V/60Hz, 3Wire+G or 3Phase, 380V/60Hz, 4Wire+G
MATERIAL	Cabinet/SUS304 Stainless Steel Door/1차 Acryl, 2차 Glass Slide Door 항온항습기/Steel Plate+W/Enamel
FILTER	Pre Filter, Carbon Filter, HEPA Filter

JD-SY-02 E.C.R.S(항온항습동물장)



DIMENSION	Cabinet(W)1650×(D)800×(H)1950mm 2대 항온항습기 (W)730×(D)650×(H)1950mm
SHELF	Mouse Cage 5 Stage's×6row's×Double Rat Cage 5 Stage's×5row's×Double
TEMP	23℃±2℃
HUMINITY	55%±7%
DUST FREE	HEPA FILTER 0.3micro/99.99%
AIR VOLUME	35CMM
LIGHT	40W×1Set
POWER	3Phase, 220V/60Hz, 3Wire+G or 3Phase, 380V/60Hz, 4Wire+G
MATERIAL	Cabinet/SUS304 Stainless Steel Door/1차 Acryl, 2차 Glass Slide Door 항온항습기/Steel Plate+W/Enamel
FILTER	Pre Filter, Carbon Filter, HEPA Filter

CLEAN ANIMAL RACK

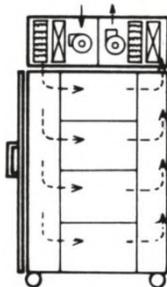
■ FEATURE

본 Clean Animal Rack은 크게 2가지로 구분되는데, 한가지 방법은 양압식(Positive Type)으로서 S.P.F 동물과 Nude Mouse등을 무균적으로 사용하거나 외부의 오염물질로부터 안전하게 보호하는데 사용되고, 다른 한가지 방법은 음압식(Negative Type) 감염실험, 발암실험, 독성실험등에 사용함으로써 감염물질에 의해 관리자가 오염물질로부터 보호 받을 수 있고 실내에 오염물질로 인한 Contamination되는 것을 방지할 수 있습니다.

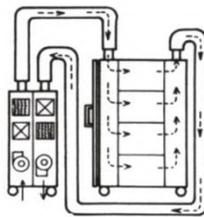
JD-SY-03 CLEAN ANIMAL RACK



CLEAN ANIMAL RACK



결합형

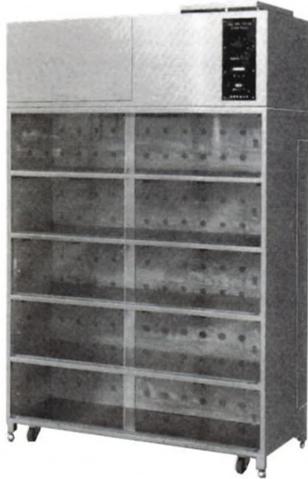


분리형

	SPECIFICATION
SHELF	Mouse Cage 5 Stage's×6row's or Rat Cage 5 Stage's×5row's
DIMENSION	(W)1700×(D)650×(H)2300mm
DUST FREE	0.3Micro / 99.99%
AIR VOLUME	10CMM
POWER	220V, 60Hz
FILTER	HEPA Filter 1EA, Carbon Filter 1EA Pre Filter 1EA
FILTER GAUGE	Hour Meter
MATERIAL	Body / SUS304 Stainless Steel Door / Acryl, Safety Glass Door

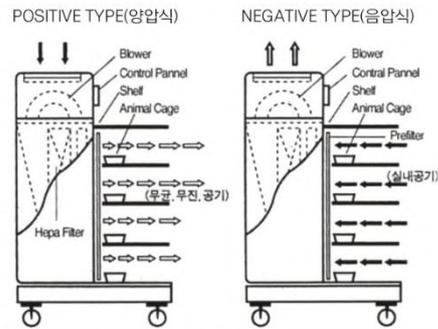
CLEAN ANIMAL RACK

JD-SY-04 POSITIVE RACK



	SPECIFICATION
SHELF	Mouse Cage 5 Stage's × 6row's or Rat Cage 5 Stage's × 5row's
DIMENSION	(W)1600 × (D)600 × (H)2300mm
MOTOR	1/2 HP
DUST FREE	0.3Micro / 99.99%
AIR SPEED	0.25m/sec~0.5m/sec
POWER	110/220V, 60Hz

JD-SY-05 NEGATIVE RACK



	SPECIFICATION
SHELF	Mouse Cage 5 Stage's × 6row's or Rat Cage 4 Stage's × 5row's
DIMENSION	(W)1650 × (D)400 × (H)2100mm (W)1650 × (D)450 × (H)1600mm
MOTOR	1/2 HP × 2EA
DUST FREE	HEPA FILTER 0.3μ / 99.99
AIR SPEED	0.5m/sec
AIR VOLUME	60m ³ /min
POWER	220V, 60Hz

CHEMICAL HOOD, ARM HOOD

■ CHEMICAL HOOD(해부, 병리작업대)

본 제품은 해부병리과에서 사용하는 육안조직 검사대로써 종래에 병리조직 절개시 검사자가 흡입하던 악취와 발암성으로 알려져 있는 포르말린 가스를 사용시에 본 장비에 내장되어 있는 Filter를 통해 환풍시키는 작업대이며, Small Sink 및 급수장치를 연결하여 편리하게 세척할 수 있으며 조명등을 설치하여, 장기의 병변식별이 용이하다. 작은 공간에서 전반적인 육안 조직검사 및 절개 작업을 검사자가 안전한 상태에서 마치도록 하여 주는 장비이다.

■ FEATURE

- 정면의 Cover는 2단 절첩식으로 필요에 따라 간단하게 조절할 수 있다.
- 여러개의 Hood를 연결하여 여러명이 동시에 작업 할 수 있다.
- 발암성 물질, 유해가스물질 등의 취급시에는 효과적으로 사용할 수 있다.
- 실험장소에 따라 이동할 수 있고 조적이 간편하다.
- 성능에 비해 가격이 아주 저렴하다.

HOOD BOX	
SIZE	(W)800×(D)650×(H)650mm
MATERIAL	Acryl 10mm 투명, 양측면 불투명
F.L LAMP	20W×2EA
LAMP SWITCH	2조
FOOT SWITCH	2조
SOL 밸브	2EA
수도꼭지	2EA
WORKING TABLE	
	(W)1700×(D)700×(H)800mm
	SUS304 Stainless Steel 1.2mm plate
	SUS304 Stainless Steel 30mm Square Pipe
TABLE SNK	
	(W)250×(D)200×(H)120mm
	FOOT SWITCH로 급수

JD-SY-06 CHEMICAL HOOD



CHEMICAL HOOD

JD-SY-06A ARM HOOD



<A Type-PVC>



<B Type-AL알루미늄>

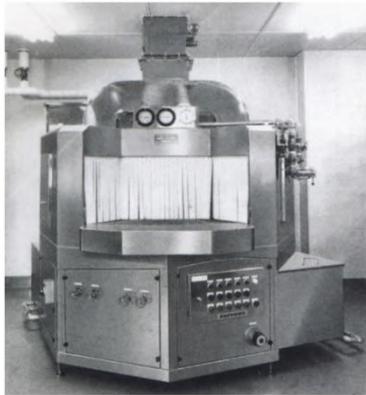
Model	A	B
Diameter	φ350	φ500
Pipe	φ75	φ100
Material-Hood	PC	PP
Material-Pipe	PVC	Aluminium

CAGE WASHER

■ ROTARY CAGE WASHER (로타리식 CAGE 세척기)

- 강력한 펌프 스프레이, 스팀 스프레이에 의한 청결한 사양
- 턴테이블식에 의한 중복세척 가능
- 작업원 1인의 조작으로 세척작업을 한다.
- 턴테이블의 속도는 임의 조정 할 수 없다.
- 넓은 삽입구이며 최대 (W)400×(D)400×(H)500mm 까지의 케이지를 세척할 수 있음

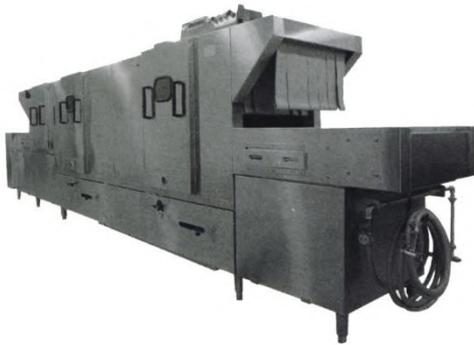
JD-SY-07 ROTARY CAGE WASHER



ROTARY CAGE WASHER	
DIMENSION	(W)1950(1800)×(D)1950×(L)2300mm
MATERIAL	SUS304, 430, Stainless Steel
WASHING PROGRAM	예선-온수 Spray 60~70℃ 본선-온수 Spray 60~70℃ 시상-Steam Spray
TURN TABLE	2~6 RPM
POWER	220V, 3P, 3.4Kw
EXHAUST	30m ³ /min
STEAM	20~25A, 3kg/cm ² MAX 70kg/H
WATER	20~25A, 1kg/cm ² MAX 400ℓ/H
중 량	약 750kg (운전시는 약 1200kg)

· 종래의 세척기 보다 강력한 펌프를 사용하고 또한 노즐을 왕복운동 시키는 진폭 노즐 메카니즘이 채용되어 있으므로 세척력이 한층 더 강해졌다. 작업상의 안전대책도 충분히 배려하고 있다.

JD-SY-08 TUNNEL CAGE WASHER



TUNNEL CAGE WASHER	
DIMENSION	(W)4600×(D)1550×(H)1600mm
MATERIAL	SUS304 Stainless Steel
WASHING PROGRAM	220V, 3P, 4KW 20~30m ³ /min 20~25A, 2~3kg/cm ² MAX 70kg / H
TURN TABLE	20~25A, 1kg/cm ² MAX 400ℓ / H

VINYL ISOLATOR

JD-SY-09 사육용 ISOLATOR



DIMENSION	Overall Dimension/(W)2000×(D)1000×(H)1900mm Isolator / (W)2000×(D)1000×(H)1200mm
기류방식	POSITIVE - NEGATIVE Type
집진율	HEPA Filter/0.3Micron/99.99% 이상
MATERIAL	Chamber/Poly Vinyl Chloride(Soft)염화비닐투명 Frame 및 Table/SUS304 Stainless Steel plate 1mm SUS304 Stainless Steel 30mm pipe Glove/Soft Glove(2개 부위로 나뉘어져 교환이 용이하다.)
FILTER	HEPA Filter 200×200×150mm 2EA 0.3 micro 99.99% 이상
풍속	1.93m/sec 전후
풍압	11.0 mmHg
전압	220V/110V, 50Hz
특기사항	1. Glove는 어깨가 들어갈 수 있어 취급하기가 용이하다. 2. Filter Box는 Chamber 상단에 분리형으로 부착되어 있다.
ACCESSORIES	1. 멸균관(Filter 부착) SIZE/310 φ × 600mm 2. 이동식 멸균관 안치대 SIZE/750(650) × 450 × 720mm Material/SUS304 Stainless Steel 3. 연결용 Sleeve(Length=50cm)

JD-SY-10 사육용 ISOLATOR SYSTEM



기류방식	POSITIVE - NEGATIVE Type
집진율	HEPA Filter-0.3Micron/99.97% 이상
MATERIAL	Chamber : Poly Vinyl Chloride(Soft)염화비닐투명 Frame : SUS304 Stainless Steel 30 φ Round pipe Air Supply Pipe : PVC Pipe 풍량조절 Damper : Aluminum Glove : Soft Glove(상하 앞뒤 각 6개씩 총12개)
FILTER	HEPA Filter 200×200×150mm 4EA 0.3 micro 99.97% 이상 Filter Cage Slide Type으로 탈착 가능
풍속	1.93m/sec 전후
풍향	1.93m/min 전후
풍압	11.0 mmHg
전압	220V/110V, 60Hz

ISOLATOR etc.

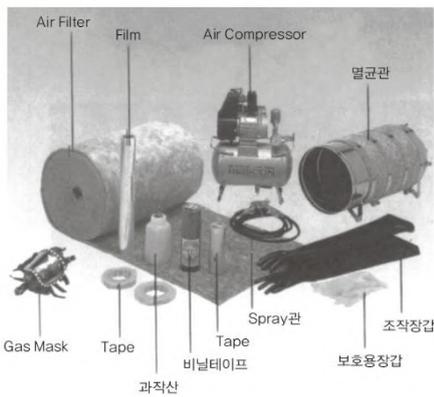
JD-SY-11 수술용 ISOLATOR(SOFT)



DIMENSION	Chamber : (W)1200×(D)600×(H)600mm Table : (W)1600×(D)700×(H)750mm
기류방식	POSITIVE - NEGATIVE Type
집진율	HEPA Filter / 0.3Micron / 99.97% 이상
DUST FREE	0.03 μ , 99.97% 이상
AIR SPEED	4.2m / sec
AIR VOLUME	2.21 m ³ / min
WIND PRESSURE	15.5mm Hg
POWER	110/220V, 0.444A, 44W
용도	Mouse, Rat, Rabbit 수술용
MATERIAL	Chamber : Acryl Frame : SUS304 Stainless Steel 30 ϕ Round pipe Air Supply Pipe : PVC Pipe Glove : Soft Glove
FILTER	HEPA Filter (W)200×(D)200×(H)150mm 4EA 0.3 micron 99.97% 이상 Filter Cage Slide Type으로 탈착 가능
풍 속	1.93m/sec 전후
풍 량	1.93m ³ /min 전후
풍 압	11.0 mmHg 전후
전 압	220V/110V, 60Hz

ISOLATOR etc.

JD-SY-12 ISOLATOR ACCESSORIES



MODEL	품목
JD-SY-12A	Air Filter
JD-SY-12B	Film
JD-SY-12C	Air Compressor
JD-SY-12D	멸균관
JD-SY-12E	Gas Mask
JD-SY-12F	Tape(小)
JD-SY-12G	과작산
JD-SY-12H	비닐테이프
JD-SY-12I	Tape(大)
JD-SY-12J	Spray관
JD-SY-12K	보호용 장갑
JD-SY-12L	조작장갑

STEAM STERILIZERS

STERILIZERS

자동 고압 증기 멸균 장치, 멸균, 건조의 확실화와 안정성을 충분히 고려한 신뢰성이 높은 멸균장치입니다.

- 안전장치에 안전을 다하였습니다.
- 예비진공은 간헐방식을 채용해 단시간에 확실한 진공을 행합니다.
- 특히, 혼합 건조 방식은 각종 멸균물에 최적인 건조 방식입니다.
- 멸균 타이머에는 멸균 보정 회로를 설계, 멸균의 안전화

JD-SY-13 AUTO CLAVE(1000Liter)



* 700Liter, 2000Liter Model도 있습니다.

DIMENSION	(W)1385×(H)1894×(D)2036mm
CHAMBER	(W)680×(H)1200×(D)1316mm
CAPACITY	Chamber - 1,000 Liter
DOOR	Double Door (자동/수동 겸용)
장재장치	장재차 : (W)560×(H)1072×(D)1100mm : 1대 운반차 : (W)560×(H)365×(L)1390mm : 2대
작동온도범위	100℃ ~135℃
공기제거방식	진공 / 중력
제어장치	마이크로프로세서
표시장치	240×64 Dots, 그래픽 표시 LCD (EL back-light)
프린터	도트 매트릭스 42칼럼, 단색 인쇄 기록지 : (W)76mm×φ80mm, to 0.06~0.085mm
전원	AC 220V, 1ph, 50/60Hz, 15A
증기공급원	건도 97% 이상의 포화증기 압력 : 3.5~5kgf/cm ² 유량 : max, 200kg/h, 소비량 70kg/h 연결배관(장비측) : 3/4" FNPT
중량	Total : 2,460 kg 본체 - 2,279kg, 장재차 - 71kg, 운반차 - 55kg×2

JD-SY-14 AUTO CLAVE (350Liter)



* 250Liter Model도 있습니다.

DIMENSION	(W)1000×(H)1715×(D)1460mm
CHAMBER	(W)500×(H)700×(D)1000mm
CAPACITY	Chamber - 350 Liter
DOOR	Double Door
장재장치	장재차 : (W)470×(H)600×(L)950mm : 1대 운반차 : (W)450×(H)800×(L)1215mm : 2대 선반 : (W)450×(H)22.5×(L)906mm : 2대 받침대 : 1SET
작동온도범위	100℃ ~135℃
공기제거방식	진공 / 중력
제어장치	마이크로프로세서
표시장치	160×128 Dots, 그래픽 표시 LCD (EL back-light)
프린터	도트 매트릭스 40칼럼, 단색 인쇄 기록지 : (W)57.5mm×22mm
전원	AC 220V, 3ph, 50/60Hz, 55A or AC 380V, 3ph, 4Wire, 50/60Hz, 32A 외부증기전용 : AC220V, 50/60Hz, 5A
증기공급원	전열기 : 20Kw, 급수펌프 : 300W 외부증기공급장치 - 건도 97% 이상의 포화증기 압력 : 3.5~5kgf/cm ² , 유량 : max 5kg/h
중량	본체 - 770kg, 장재차 - 36kg, 운반차 - 27kg

STEAM STERILIZER

■ STERILIZERS

마이크로세서에 의해서 모든 기능이 자동화되고, 열균 사이클이 모니터된다. 즉, 급수, 가열, 멸균, 배기, 건조, 완료의 모든 과정이 자동으로 진행되고, 운전자가 언제든지 현재 압력, 온도, 잔여 멸균 또는 건조시간, 진행중인 과정, 저수통의 수위 등을 알 수 있도록 표시한다. 자기진단기능에 의해 여섯가지의 이상상태를 검출하여 에러 메시지를 LED로 표시하고, 버저로 경보를 발생시킨다. 또한 문 잠금장치를 종래의 나사조임 방식에서 편심빗장회전 방식으로 개선했다. 편심빗장 레버를 90° 돌리는 것만으로 문이 밀폐되고, 전혀 힘이 들지 않는 간편하고 획기적인 장치이다.

JD-SY-16 AUTO CLAVE



CABINET	(W)483×(H)360×(D)496mm Zinc-coated St. Plate
CHAMBER	(W)225×(H)225×(D)425mm Capacity 21.5ℓ, Rectangular Horizontal Type Stainless St. Plate
RESERVOIR	Capacity 5ℓ
TRAY	Stainless St. Plate
POWER SOURCE	AC 220V, 50/60Hz, 8A
POWER CONSUMPTION	1,600W
CONTROL	8-Bit Microprocessor
STERILIZER TEMP	121°C ~ 132°C
TIMER	1min~99min
AIR REMOVAL	Gravity Principle
NET WEIGHT	53kg

JD-SY-17 AUTO CLAVE



CABINET	(W)575×(H)805×(D)495mm Zinc-coated St. Plate
CHAMBER	φ340×(H)723mm Capacity 60ℓ, Cylindrical, Vertical Type Stainless St. Plate
RESERVOIR	Capacity 10ℓ
BASKETS	φ300×(H)310mm, 2ea
POWER SOURCE	AC220V, 50/60Hz, 15A
POWER CONSUMPTION	3,000W
CONTROL	8-Bit Microprocessor
STERILIZER TEMP	121°C~132°C
AIR REMOVAL	Gravity Principle
TIMER	1min~99min
NET WEIGHT	90kg
CASTER	4ea, φ50mm, Swivel w/Brake

REFRIGERATOR etc.

JD-SY-18

냉동 · 냉장고



*냉동전용·냉장전용 별도견적

CAPACITY	570 Liter (냉장 : 282L, 냉동 : 285L)
DIMENTION	(W)750 × (D)800 × (H)1900mm
TEMP RANGE	냉장부 : 0°C~10°C, 냉동부 : -10°C~-24°C
MATERIAL	STAINLESS STEEL
TEMP DISPLAY	DIGITAL DISPLAY
POWER	220V, 60Hz, 2P

JD-SY-19

냉동 · 냉장고



*냉동전용·냉장전용 별도견적

CAPACITY	1140 Liter (냉장 : 570L, 냉동 : 570L)
DIMENTION	(W)1260 × (D)800 × (H)1850mm
TEMP RANGE	냉장부 : 0°C~10°C, 냉동부 : -10°C~-24°C
MATERIAL	STAINLESS STEEL
TEMP DISPLAY	DIGITAL DISPLAY
POWER	220V, 60Hz, 2P

JD-SY-20

COLD CHAMBER



TEMPERATURE RANCE	0~10°C
TEMP, ACCURACY	±0.3°C AT 4°C
TEMP, CONTROLLER	SOLID STATE ELELCTRONIC CONTROLLER
DEFROAST TIMER	15min, EELCTRIC TYPE
COMPRESSOR	3/4 HP
DIMENSION(OUT)	(W)1340×(W)870×(H)1930mm
CAPACITY	1140 Liter
ILLUMINATION	Incadescnt Lamp, 30W
POWER	220V, 1.5A

JD-SY-21

자외선 소독기



CAPACITY	368 LITER
DIMENTION	(W)610 × (D)465 × (H)1350mm
U.V LAMP	15W×2EA
MATERIAL	STAINLESS STEEL
SHELF	4STAGE'S
TIMER	24HR TIMER
POWER	220V, 60Hz, 2P

REFRIGERATOR etc.

INDIVIDUAL VENTILATION CAGE SYSTEM



INDIVIDUAL VENTILATION CAGE SYSTEM

실험 동물 및 관리자를 보호하고, 좁은 공간에서 많은 실험 동물을 사육할 수 있으며 Cage간 서로의 감염을 방지할 수 있는 최적의 환경을 유지할 수 있습니다.

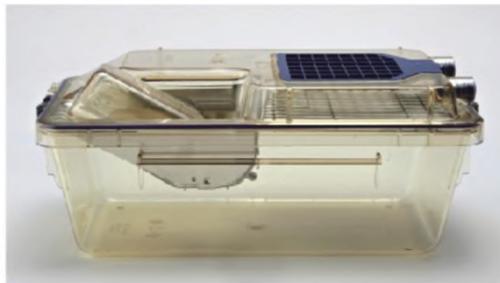
Hepa Filter를 통과한 청정공기를 각각의 Cage에 공급하고, Cage 내부 공기를 Hepa Filter를 통해서 외부로 배출하는 순환기능을 가지고 있습니다.

Cage 내부의 환기횟수(ACH)와 압력 조정 기능을 가지고 있으며 온도, 습도, CO₂ 농도, NH₃ 농도를 표시하여 Cage 내부 환경 상태를 쉽게 파악할 수 있습니다.

INDIVIDUAL VENTILATION CAGE SYSTEM

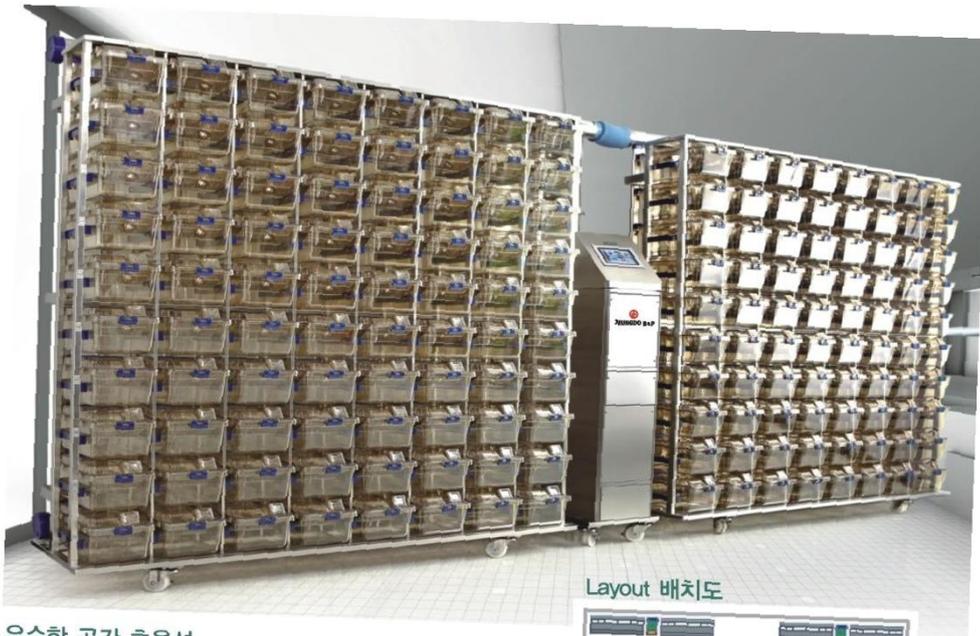


감염방지 사람과 동물간 Cage와 Cage간 감염을 방지할 수 있는 완전한 Barrier가 되어 있습니다. 교차오염 차단 및 실험동물과 실험실 내부 보호를 위해 급기와 배기는 Hepa Filter를 통해 공급합니다.



INDIVIDUAL VENTILATION CAGE SYSTEM

INDIVIDUAL VENTILATION CAGE SYSTEM



Layout 배치도

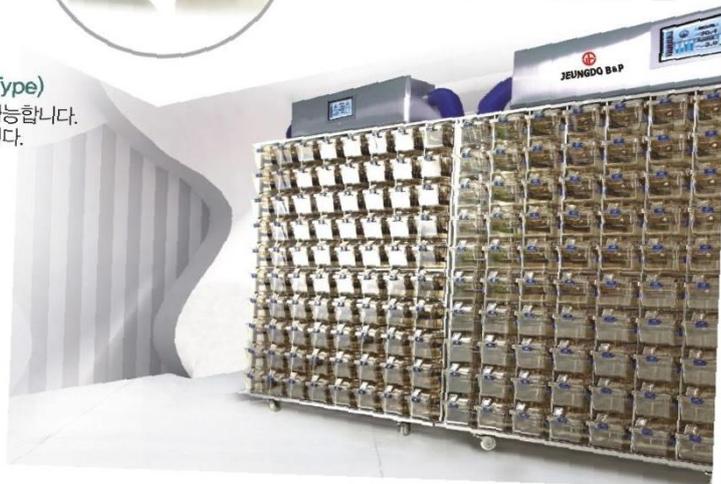


INDIVIDUAL VENTILATION CAGE SYSTEM

우수한 공간 효율성
 고밀도 구조로 좁은 공간에서 많은 동물을
 가장 안전하게 사육할 수 있습니다.



상부 탑재형(Top ACU Type)
 좁은 공간에 효율적 배치가 가능합니다.
 진동이 없으며, 아주 조용합니다.



INDIVIDUAL VENTILATION CAGE SYSTEM



편리한 Air Control Unit



조작이 편리함

Touch Screen 사용으로 조작이 편리합니다. 간단한 Touch 조작으로 양압과 음압의 조정이 가능합니다.



고성능 Hepa Filter 적용

DOP Test를 통한 성능이 검증됩니다. (Pre Filter 전면 배치로 교체 및 청소가 용이합니다.)



우수한 내 부식성 및 내 화학성 스텐 (SUS304) 재질로 제작되어 내 부식성 및 내 화학성이 우수합니다.



안전한 제어 시스템

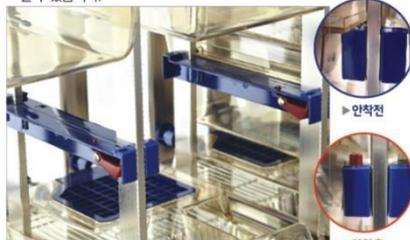
Package화된 제어장치로 고장원인을 획기적으로 줄일 수 있습니다.

일반 사양

Frame Material	Stainless Steel (SUS304)
Cage Deflection Temperature(°C)	174
Electric	단상 x 220v x 60Hz
Cage Material	Polysulfone
Cage Autoclave	135°C 30분 150 Cycle
Hepa Filter	0,3 μm, 99,97%

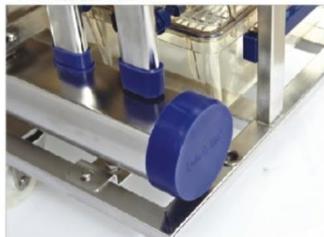
Guide

- 소독이 가능한 재질 (PSU)로 제작되었으며 탈 부착이 편리한 구조입니다.
- 안착여부를 확인할 수있어 안전하게 관리할 수 있습니다.



덕트

- Simple한 Design과 분해 세척이 용이합니다.
- 청소가 용이한 탈 부착 구조로 이음 및 밀폐부에는 실리콘 Seal 사용합니다.



급배기 Check Valve 사용

- Cage 분리시 Air Flow Stop 기능이 있습니다.
- 일정한 풍량 공급으로 예너지 절감효과가 있습니다.
- Nozzle 분리가 원터치로 청소가 용이합니다.



고온 멸균 소독 가능, 부식에 강함

- 내 화학성이 우수한 스텐(SUS304)으로 제작하였으며 모든 부품 멸균 소독이 가능합니다.



INDIVIDUAL VENTILATION CAGE SYSTEM



동물 복지 최적 구조

- 공기의 직접 접촉 방지(풍속에 의한 동물에 영향없음)
- 전산유체 해석에 의한 일정한 기류와 0.2m/s 이하의 속도 분포 신뢰성
- 소음, 진동, CO₂, NH₃, 농도, 차압, 환기 횟수 (ACH) 등 최적의 조건 유지
- Cage 내부 양압압 사용이 가능하도록 제작됨

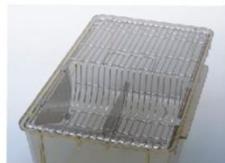
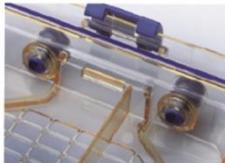
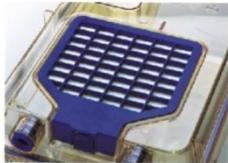


적치성

좁은 공간 많은 적치 가능(공간 효율성 높음)

고온멸균 소독

135℃(Max 174℃), 30분, 1.2kg/cm² 고온, 고압 증기 멸균 가능
150 Cycle 반복 사용 가능



INDIVIDUAL VENTILATION CAGE SYSTEM

Locking Button

Swing 판스프링 구조로 탈부착 시 원터치 형태로 작동이 가능하여 Body와 Cover의 분리 결합이 편리합니다.

물병

편리한 외부 교환 구조를 채택합니다.

흡 배기 밸브

Check 급, 배기 밸브 적용하여 Rack에서 분리 시 밸브 자동 차단 됩니다.

TOP Filter

Push Type Locking 구조로 Top Filter Plate 분리가 편리합니다.

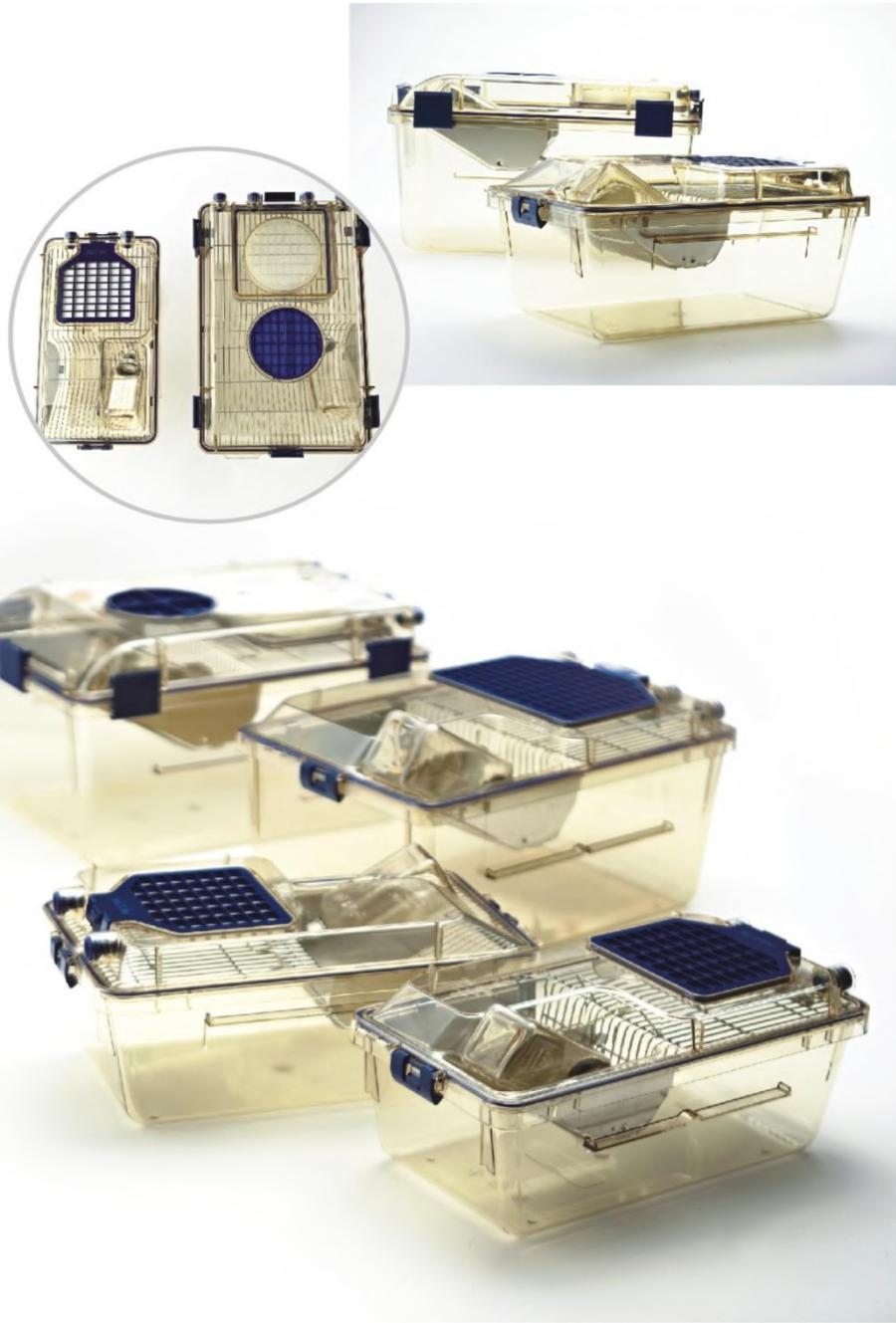
Seal

Cover와 Body 사이 실리콘 Seal 사용으로 결합 시 밀폐성이 높습니다.

Wire lid

전면부에 급수부가 위치하게 제작하여 관찰이 편리하며 적치가 가능한 구조입니다.

INDIVIDUAL VENTILATION CAGE SYSTEM

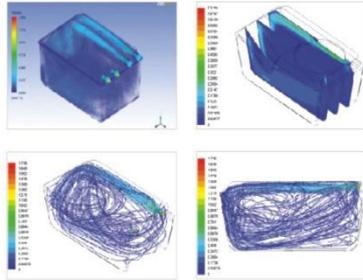


INDIVIDUAL VENTILATION CAGE SYSTEM

INDIVIDUAL VENTILATION CAGE SYSTEM

최적의 사육환경

사육기준(ILAR, NIH Guide Line) 준수로 실험 동물 복지에 적합한 최적의 사육환경을 제공합니다.



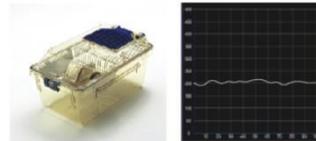
안전 시스템 적용

위험을 감지하여 긴급상황(Error, 정전) 발생시 원격 무선 SMS 연락(위험 기준 설정 기능)을 통한 보다 안전한 사육이 가능합니다.



실시간 환경 DATA 저장 및 분석

각종 사육 환경 Data (ACH, pa, Co₂, NH₃, 온도, 습도)를 실시간 저장(Excel) 및 그래프화 하여 이를 활용한 환경분석이 가능합니다.



INDIVIDUAL VENTILATION CAGE SYSTEM



원격 모니터링 및 제어

- 사육실 및 관리실 등 외부에서 원격 모니터링 및 제어가 가능합니다.
- 스마트폰을 통한 원격 제어가 가능합니다.



INDIVIDUAL VENTILATION CAGE SYSTEM



최적화 환경 제어 시스템

- 차압 기준 환기 시스템을 적용합니다.
- 차압 기준 실시간 환경 (ACH, 차압) 변화에 대해 자동조정 (수동변환 조정기능) 하게 되어 있으며 온도 습도, NH₃, Co₂ 농도 표시로 Cage 내부 환경 상태 파악이 용이합니다.
- Cage 수량에 따라 정확한 환기량 계측이 가능 (Cage 수량이 줄어들수록 풍량이 적어짐) 합니다.
- 필요한 일정 풍량 공급으로 전력 효율 극대화가 가능합니다.

사육기준 (ILAR, NIH Guide Line)

* VMC (Mouse) Cage 크기 : 510.3cm³ (19.2x37.2x131)

사육두수(마리)	몸무게(g)	바닥면적/마리(cm ²)	높이(cm)
13	<10	38.70	12.70
9	10~15	51.60	12.70
6	15~25	77.40	12.70
5	25<	96.75≤	12.70

* Guinea Pig Cage 크기 : 895.9cm³ (26.8,2x41.3x19.6)

사육두수(마리)	몸무게(g)	바닥면적/마리(cm ²)	높이(cm)
2	<350	387.0	17.80
1	500<	651.45≤	17.80

* VRC (Rat) Cage 크기 : 895.9cm³ (26.8,2x41.3x19.6)

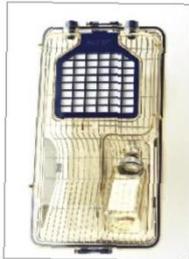
사육두수(마리)	몸무게(g)	바닥면적/마리(cm ²)	높이(cm)
8	<100	109.65	17.80
6	100~200	148.35	17.80
4	200~300	187.05	17.80
3	300~400	258.000	17.80
2	400~500	387.000	17.80
1	500<	451.50≤	17.80

MOUSE CAGE SYSTEM STANDARD

Mouse Cage System Standard



MOUSE CAGE SYSTEM STANDARD



설치공간

* VMC (Mouse)

제품NO	W1	D1	H1	Cage 장착수
JD-VMC56S	2100	550	1716	8단 7열(56Cage)
JD-VMC56D	2100	880	1716	8단 7열(112Cage)
JD-VMC63S	2100	550	1901	9단 7열(63Cage)
JD-VMC63D	2100	880	1901	9단 7열(126Cage)
JD-VMC64S	2320	550	1716	8단 8열(64Cage)
JD-VMC64D	2320	880	1716	8단 8열(128Cage)
JD-VMC70S	2100	550	2086	10단 7열(70Cage)
JD-VMC70D	2100	880	2086	10단 7열(140Cage)
JD-VMC72S	2320	550	1901	9단 8열(72Cage)
JD-VMC72D	2320	880	1901	9단 8열(144Cage)
JD-VMC80S	2320	550	2086	10단 8열(80Cage)
JD-VMC80D	2320	880	2086	10단 8열(160Cage)

제품사양

제품NO	W	D	H	Cage 장착수
JD-VMC56S	1580	527	1716	8단 7열(56Cage)
JD-VMC56D	1580	880	1716	8단 7열(112Cage)
JD-VMC63S	1580	527	1901	9단 7열(63Cage)
JD-VMC63D	1580	880	1901	9단 7열(126Cage)
JD-VMC64S	1800	527	1716	8단 8열(64Cage)
JD-VMC64D	1800	880	1716	8단 8열(128Cage)
JD-VMC70S	1580	527	2086	10단 7열(70Cage)
JD-VMC70D	1580	880	2086	10단 7열(140Cage)
JD-VMC72S	1800	527	1901	9단 8열(72Cage)
JD-VMC72D	1800	880	1901	9단 8열(144Cage)
JD-VMC80S	1800	527	2086	10단 8열(80Cage)
JD-VMC80D	1800	880	2086	10단 8열(160Cage)

MOUSE CAGE SYSTEM WIDE TYPE

Mouse Cage System
Wide Type



MOUSE CAGE SYSTEM STANDARD



설치공간					제품사양				
* VMC (Mouse) Wide Type									
제품NO	W1	D1	H1	Cage 장착수	제품NO	W	D	H	Cage 장착수
JD-W-VMC54S	2046	550	2045	9단 6열(54Cage)	JD-W-VMC54S	1446	521	2045	9단 6열(54Cage)
JD-W-VMC54D	1968	870	2045	9단 6열(108Cage)	JD-W-VMC54D	1446	870	2045	9단 6열(108Cage)
JD-W-VMC56S	2280	550	1845	8단 7열(56Cage)	JD-W-VMC56S	1682	521	1845	8단 7열(56Cage)
JD-W-VMC56D	2280	870	1845	8단 7열(112Cage)	JD-W-VMC56D	1682	870	1845	8단 7열(112Cage)
JD-W-VMC63S	2280	550	2045	9단 7열(63Cage)	JD-W-VMC63S	1682	521	2045	9단 7열(63Cage)
JD-W-VMC63D	2280	870	2045	9단 7열(126Cage)	JD-W-VMC63D	1682	870	2045	9단 7열(126Cage)
JD-W-VMC72S	2518	550	2045	9단 8열(72Cage)	JD-W-VMC72S	1918	521	2045	9단 8열(72Cage)
JD-W-VMC72D	2518	870	2045	9단 8열(144Cage)	JD-W-VMC72D	1918	870	2045	9단 8열(144Cage)

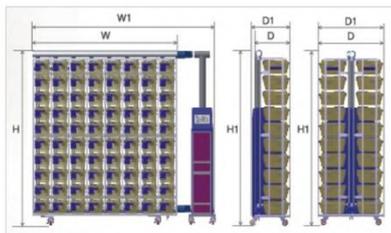
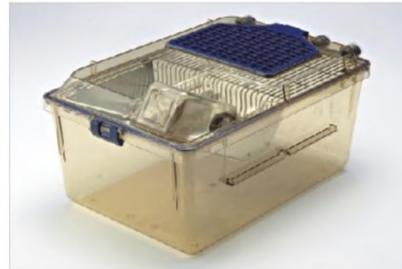
(주)정도비엔피

RAT CAGE SYSTEM

Rat Cage System



RAT CAGE SYSTEM



설치공간

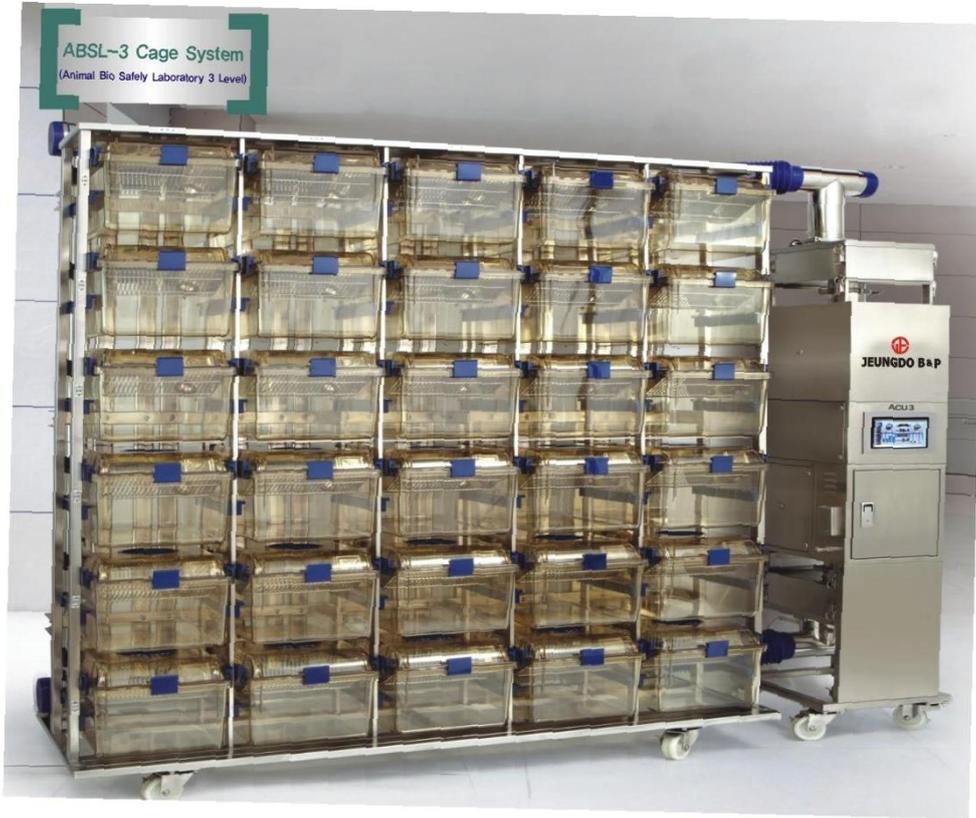
* VRC (Rat)

제품NO	W1	D1	H1	Cage 장착 수
JD-VRC30S	2150	560	1900	6단 5열(30Cage)
JD-VRC30D	2150	1002	1900	6단 5열(60Cage)
JD-VRC36S	2150	560	1900	6단 6열(36Cage)
JD-VRC36D	2150	1002	1900	6단 6열(72Cage)

제품사양

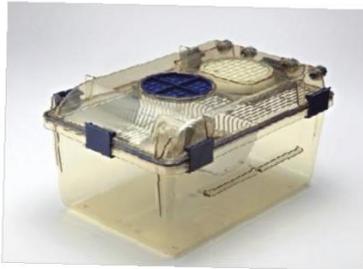
제품NO	W	D	H	Cage 장착 수
JD-VRC30S	1480	560	1900	6단 5열(30Cage)
JD-VRC30D	1480	1002	1900	6단 5열(60Cage)
JD-VRC36S	1770	560	1900	6단 6열(36Cage)
JD-VRC36D	1770	1002	1900	6단 6열(72Cage)

ABSL-3 Cage System



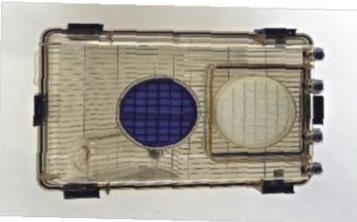
ABSL-3 Cage System
(Animal Bio Safety Laboratory 3 Level)

ABSL-3 Cage System



VRC(ABSL-3 Type)

- 완전 밀폐형 Cage로 -30Pascal 이상 운영이 가능.
- ±500Pascal 까지 밀폐성을 보장
- Mouse, Rat, Guinea Pig 사육에 적합
- 자동환기 (ACH), 자동압력(Pa) 제어가능
- CO₂, NH₃, 온도, 습도 Display 및 상, 하한경보기능
- Hepa Filter Box 분리 독립형으로 탈착 소독이 가능
- Cage 및 Filter Box 고온 멸균 가능
- 편리한 Locking 구조
- 완벽한 밀폐형
- 관리가 편리한 Exhaust Filter
- 배기라인인 Pre Filter 설치

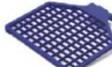


제품사양

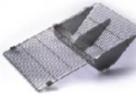
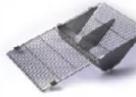
* VRC (ABSL-3 Type)

제품NO	W	D	H	Cage 장착수
JD-P3-VRC24	1230	550	1905	6단 4열 (24Cage)
JD-P3-VRC30	1530	550	1905	6단 5열 (30Cage)
JD-P3-VRC36	1830	550	1905	6단 6열 (36Cage)

CAGE 규격표

No.	분 류	Mouse (VMC)	Mouse (Wide-VMC)	Rat (VRC)	Rat, Guinea Pig (BSL3)
1	Cage				
		JD-MC-001 190x372x130	JD-WMC-001 205x264x133	JD-RC-001 277x423x194	JD-RC-001 277x423x194
		Floor Area:502.2cm ² PS (606g)	Floor Area:517.4cm ² PS (661g)	Floor Area:895.9cm ² PS (1284g)	Floor Area:895.9cm ² PS (1284g)
2	Cover				
		JD-MC-002 198x380x50	JD-WMC-002 212x370x53	JD-RC-002 285x430x56	JD-P3-RC-002 276x420x70
		PS (532g)	PS (557g)	PS (734g)	PS (1093g)
3	Top Filter Plate				
		JD-MC-002-02 134x142x6.7	JD-MC-002-02 134x142x6.7	JD-RC-002-02 195x182x6.7	JD-P3-RC-002-02 111x8
		PS (62g)	PS (62g)	PS (101g)	PS (24g)
4	Inner Filter Plate				
					JD-P3-RC-002-03 φ 134x142x6.7
					PS (125g)
5	Top Filter				
		JD-MC-002-02-02 134x127x0.2	JD-MC-002-02-02 134x127x0.2	JD-RC-002-02-02 194x168x0.2	JD-P3-RC-002-02-02 φ 134x142x6.7
		Floor Area:114cm ² 0.3μm,99.97%	Floor Area:114cm ² 0.3μm,99.97%	Floor Area:252.4cm ² 0.3μm,99.97%	Floor Area:98.5cm ² 0.3μm,99.97%
6	Inner Filter				
					LB-P3-RC-002-02-03 φ 122x20
					Floor Area:116.9cm ² 0.5μm,97.9%

CAGE 규격표

No.	분 류	Mouse (VMC)	Mouse (Wide-VMC)	Rat (VRC)	Rat, Guinea Pig (BSL3)
7	Main Seal				
		JD-MC-002-04 190x370x3.0	JD-MC-002-04 206x365x3.0	JD-RC-002-04 277x422x1.2	JD-P3-RC-002-04 277x422x3.6
		SILICONE	SILICONE	SILICONE	SILICONE
8	Wire Lid				
		JD-MW-001 172x360x68	JD-WMW-001 186x350x68	JD-RW-001 250x400x79	JD-RW-001 250x400x79
		STS304 (391g)	STS304 (391g)	STS304 (583g)	STS304 (583g)
9	Bottle Set				
		JD-MB-001 55x55x172	JD-MB-001 55x55x172	JD-RB-001 75x75x195	JD-RB-001 75x75x195
		Capacity:250ml PS (48g), STS304 (32g)	Capacity:250ml PS (48g), STS304 (32g)	Capacity:500ml PS (76g), STS304 (32g)	Capacity:500ml PS (76g), STS304 (32g)
10	Bottle Cap				
		JD-MB-001-01 φ45.8x63	JD-MB-001-01 φ45.8x63	JD-RB-001-01 φ45.8x68	JD-RB-001-01 φ45.8x68
		STS304 (32g)	STS304 (32g)	STS304 (34g)	STS304 (34g)
11	Bottle				
		JD-MB-001-02 55x55x124.5	JD-MB-001-02 55x55x124.5	JD-RB-001-02 75x75x148	JD-RB-001-02 75x75x148
		Capacity:250ml PS (48g)	Capacity:250ml PS (48g)	Capacity:500ml PS (76g)	Capacity:500ml PS (76g)
12	Name Plate				
		JD-MN-001 60x80x5	JD-MN-001 60x80x5	JD-RN-001 80x100x5	JD-RN-001 80x100x5
		PS (22g)	PS (22g)	PS (30g)	PS (30g)

CLEANROOM WEARS

● 원단의 결정

원 단	1/2 STRIPE	1/2 CHECK	MD STRIPE	MD CHECK
CLASS	5,000~1,000	1,000~500	1,000~10	100~10

주) CLASS:ea/mm²(0.3μm의 입자수)

● 디자인의 결정

DESIGN	가 운	투피스	원피스
CLASS	10,000 이상	1,000 이상	1,000 이하

● SIZE 결정

SIZE	M	L	XL	2XL	3XL	4XL
신장(cm)	155~163	160~168	165~173	170~178	175~180	180~185

● LOGO의 결정

- 회사의 고유한 LOGO 및 이름 등의 적용이 필요할 경우 무진 인쇄 시스템으로 인쇄 가능합니다

● 색상의 선택

WHITE	SKY BLUE	YELLOW	NAVIBLU	PINK	BROWN	GREY

주) 카탈로그상의 색상은 실제와 차이가 있으므로 주문시 확인하시길 바랍니다.



원피스형



투피스형



일회용



무균덧신

CLEANROOM WEARS

〈수술내의- 브이넥형(남자용)〉



〈수술내의- 라운드형(여자용)〉



● SIZE 조건표

[남]	별	특	대	중L	소
신장	180이상	175~180	170~175	165~170	165이하
[여]	별	특	대	중	소
신장		175이상	165~17	160~165	160이하

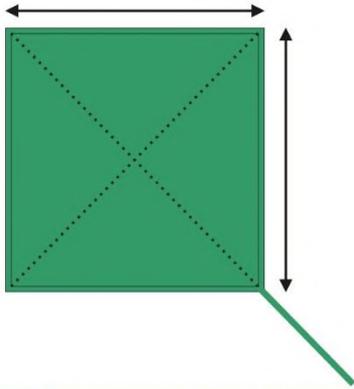
● 수술복



수술포 (기계포, 공포, 멸균포) etc

JD-S-301

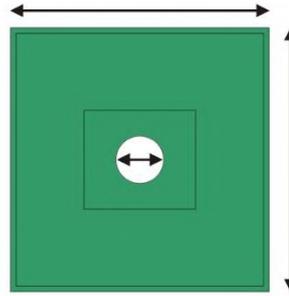
수술포-기계포



DIMENTION	A	30x30cm	E	90x90cm
	B	50x50cm	F	100x100cm
	C	60x60cm	G	120x120cm
	D	75x75cm	H	150x150cm
MATERIAL	Cotton 100%			

JD-S-302

공 포(홀)



DIMENTION	A	50x50cm	Hole	지름 -7cm
	B	50x50cm	Hole	지름 -10cm
	C	60x60cm	Hole	타원-15x10
	D	90x90cm	Hole	지름 -10cm
MATERIAL	Cotton 100%			

수술포 (기계포, 공포, 멸균포) etc

JD-S-303

멸균포



사 용 용 도

1. 수술도구의 멸균
2. Rat, Mouse의 해부, 수술시 1회용 패드로 사용

MODEL	규격/수량
JD-S-303A	30x30cm, 100매
JD-S-303B	40x40cm, 100매
JD-S-303C	50x50cm, 100매
JD-S-303D	60x60cm, 100매
JD-S-303E	70x70cm, 100매
JD-S-303E-1	80x80cm, 100매
JD-S-303F	90x90cm, 100매
JD-S-303F-1	100x100cm, 50매
JD-S-303F-2	110x110cm, 50매
JD-S-303G	120x120cm, 50매
JD-S-303H	130x130cm, 50매
JD-S-303(I)	140x140cm, 50매

BIO HAZARD SAFETY CLEAN BENCH

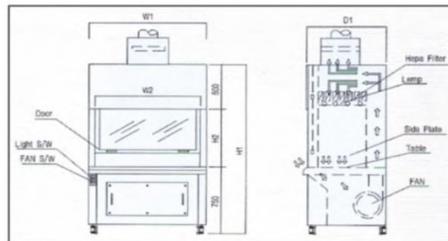
■ FEATURE

고성능 무균 작업대로서 쉽게 오염되거나 감염될 수 있는 무균조작에 사용되며 실험자의 안전을 균으로부터 가장 완벽하게 보장해 주며 생물학적으로 위험성이 있는 실험대상물을 취급하는 경우 반드시 설치되어야 할 P3 SYSTEM의 필수장비 입니다.

JD-CR-01 BIO HAZARD SAFETY CLEAN BENCH



- 특징
- 실험대 전면에 에어커튼이 됨.
- 특수 FAN을 사용하여 소음 및 진동이 없음
- AIR의 양을 HI 또는 LOW로 조절할 수 있음.



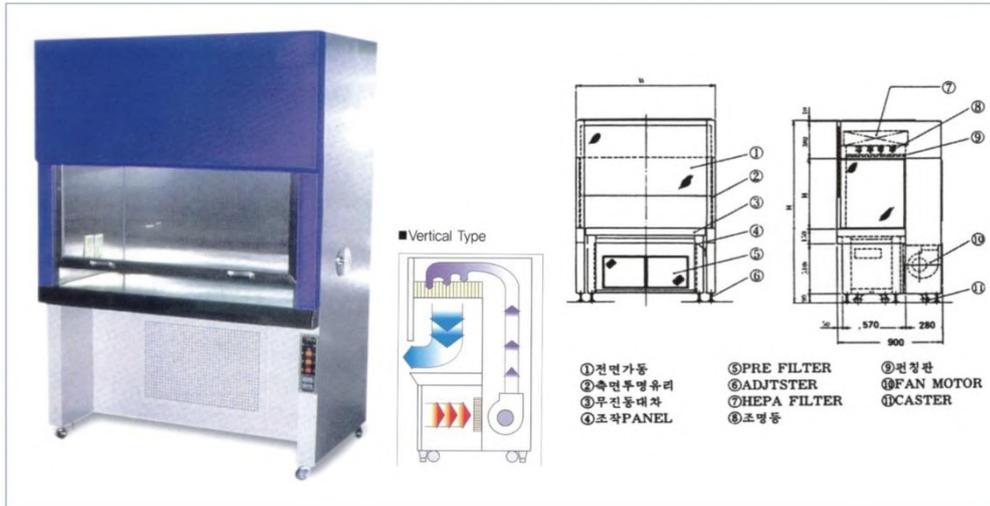
DIMENSION	SPECIFICATION			
	(W)1900×(D)850×(H)1930mm			
	(W)1600×(D)850×(H)1930mm	U.V LAMP	GL-30W	1EA
(W)1300×(D)850×(H)1930mm	PRE FILTER	Efficiency AFT 40%	1set	
ILLUMINATION	1,000 LUX or more	HEPA FILTER	0.3 Micron Particle 99.99%	
NOISE	60dB or Lower	BLOWER	Siroco Fan	2set
OUTSIDE CASING	Steel Plate + 소부도장	CASTER	3 Inch	3set
INSIDE CASING	SUS304 Thckness 1mmt	ADJUSTLEVELERS	Steel 20 φ	4set
WORKING TABLE	SUS304 Thckness 2mmt	UTILITY	Control, Gas Cook, Conccnt	1set

CLEAN BENCH

■ FEATURE

본 기기는 기류수직형과 기류수평형으로 구분되며 쉽게 오염되거나 감염될 수 있는 실험대상의 무균조작에 사용됩니다. 양 측면은 요구사항에 따라 Glass 5m/m로 제작도 가능하며 MOTOR BLOWER를 특수하게 설계하므로 소음과 진동이 거의 없어 쾌적하고 순수한 상태에서 연구가 진행되도록 유지시켜 줍니다.

JD-CR-02 CLEAN BENCH(VERTICAL TYPE)



JD-CR-03 CLEAN BENCH(HORIZONTAL TYPE)



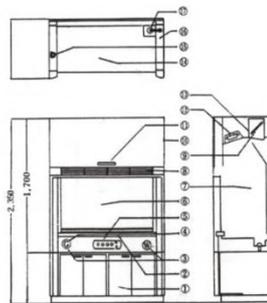
FUME HOOD

■ FUME HOOD

최근 실험실에서 사용하는 Fume Hood(Draft Chamber)는 실험실내의 공조공기의 오염을 방지하기 위하여 Hood 자체에 AIR CURTAIN 장치를 설치하여 오염된 Gas의 역류를 없애고 Fume Hood(Draft Chamber)자체에 소요되는 공조공기를 외부에서 도입하여 실험실내 공기의 소비를 줄여 경제성(난방, 냉방)을 높이고 산소부족을 막아주는 위생적인 Fume Hood(Draft Chamber)로서 선진국에서 많이 사용하며 새로이 개발된 제품임.

JD-CR-04

FUME HOOD



· Fume Hood의 세부명칭

- ① CABINET
- ② THRESHOLD
- ③ WATER VALVE HANDLE
- ④ GAS/AIR VALVE HANDLE
- ⑤ CONTROL PANEL
- ⑥ SAFETY WINDOW
- ⑦ INTERIOR WALL
- ⑧ GRILL
- ⑨ DAMPER
- ⑩ DAMPER HANDLE
- ⑪ NAME PLATE
- ⑫ FLUORESCENT LAMP
- ⑬ DUCT
- ⑭ WORK TOP
- ⑮ GAS/AIR COCK
- ⑯ CUP SINK
- ⑰ WATER COCK

		METARIAL	MOTOR	LAMP	DOOR
FUME HOOD	(W)1200×(D)750×(H)2350mm	SUS304 Stainless Steel	200W	20W	5mm Hard Glass
	(W)1500×(D)750×(H)2350mm	SUS304 Stainless Steel	200W	20W	5mm Hard Glass
	(W)1800×(D)750×(H)2350mm	SUS304 Stainless Steel	200W	20W	5mm Hard Glass
DOOR	5mm hard glass Balance Weight Slide type				
DOORFRAME	1.2mm Stainless Steel				
SINK FLOOR	Pb 2mm Plate W/Epoxy Coating				
	Built in Water cock, Gas, Air cock and Electric Concents.				
OUTSIDE MATERIALS	Stainless Steel or Steel with enamel Coating				
INSIDE MATERIALS	Stainless Steel or asbestor Plates				
ELECTRIC POWER	AC110V or 220V Single Phase 50/60Hz or				
	AC 380V 50/60Hz(Requirement)				

FUME HOOD

CLEAN ROOM SYSTEM

JD-CR-05

CLEAN BOOTH



■ 특징

이동식 CLEAN BOOTH는 어디서라도 이동이 가능한 완전 수직
총류 방식의 CLEAN BOOTH 입니다.

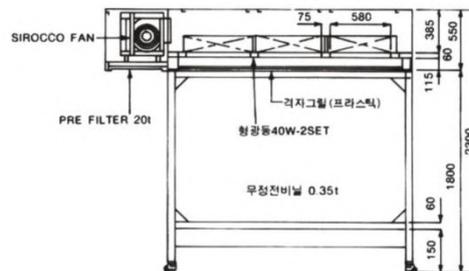
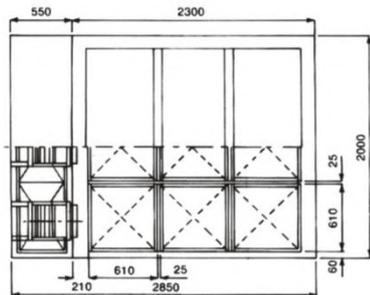
HEPA FILTER 및 FAN UNIT를 상부에 설치하고 돌레에는 비닐
커튼 등으로 처리한 무균, 무진 BOOTH이다.

FILTER를 통하여 여과된 청정공기를 수직총류 및 난류식으로 하여
내부에 양압을 유지하며 하부로 배기시켜 Class 100~10,000의
청정도를 유지한다.

청정 작업실의 일부를 고청정화할 필요가 있는 경우 혹은 공정중의
일부에서 기기장치의 운전을 할 경우 등에 적합한 설비이다.

의약품 및 식품등의 충전, 포장, 진공충척과 같은 공정, 정밀기계의
무진조작, 무균사육 및 재배등에 광범위하게 이용된다.

CLEAN ROOM SYSTEM



형식	형식	(A)	(B)	(C)
AIR VOL	CMM	32	64	96
AIR VEL	m/sec	0.25~0.4m/sec		
FAN MOTOR	KW	400W	400W × 2	400W × 3
HEPA FILTER		(W)610 × (D)610 × (H)150mm		
ELEC, POWER		1 φ 220V, 1 φ 380V		
MATERIAL		Casing 1.2t		
		Steel+분체도강		
		흡음재 : 아티론 20 +		
VINYL		무정전 비닐설치		

CLEAN ROOM SYSTEM

JD-CR-06

AIR SHOWER



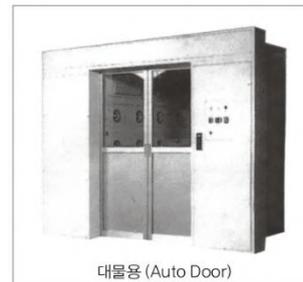
CLEAN ROOM, BIO CELAN ROOM 등 고도의 청정된 공기속에 먼지나 균의 가장 큰 발생원은 출입하는 사람이 된다. 그러므로 실내에 들어가기 전에 청정된 고속의 공기(약 25m/sec)로 의복 등 표면에 부착된 입자를 날려 FILTER에 의해 제거 하여야 한다. 또한 부대효과로서 CLEAN ROOM내에 사람의 출입이 제한되며 AIR SHOWER 자체가 예비실의 역할이 되어 외기와의 차단효과를 보게된다.

* 적용 : 모든 CLEA ROOM 및 BIO CELAN ROOM의 前室에 사용된다.

* 표준 MODEL의 특수주문사양 제작 가능

DIMENSION	(W)1400×(D)1000×(H)2200mm	(W)1700×(D)1000×(H)2200mm	(W)2300×(D)2000×(H)2300mm
FILTER		HEPA FILTER 0.3 μ m 입자 99.97%이상	
JET 풍량	≈9m ³ /min	≈18m ³ /min	≈36m ³ /min
JET 풍속		20M/sec	
JET NOZZLE	6EA	12EA	24EA
조명등	20W×1	20W×1	20W×2
FILTER		PRE. FILTER PS/150 MAIN FILTER : HEPA FILTER	
구조		본체 : 강판제 소부도장 DOOR : 투명유리 내부 : SUS304 Stainless Steel	
도장색		표준색(지정색 소부도장)	
조작		AIR JET SWITCH(AUTO MANUAL) 조명등 SWITCH AIR JET 시간설정 : 1~60sec	
전원		220V AC 60Hz	
소비전력	350W	850/1250W	1700/2500W

CLEAN ROOM SYSTEM



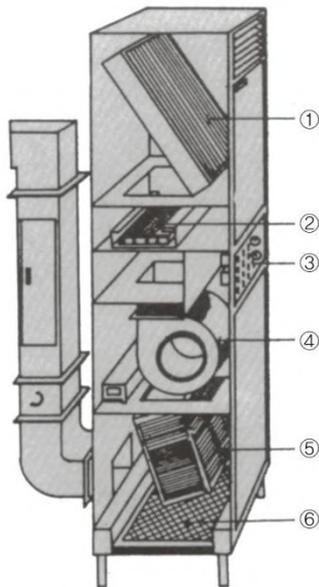
CLEAN ROOM SYSTEM

JD-CR-07 AIR CLEAN UNIT

·총류형의 이상적인 안정기류를 유지하여 class 1,000~100,000을 유지시키므로 Duct가 불필요한 Unit형 Clean Room입니다.

■ A.C.U의 특성

1. Low Noise Fan 의 사용으로 기기의 소음이 적습니다.
2. 온,습도 Control기능이 우수하여 별도의 환온 환습 설비가 불필요합니다.
3. Duct 공사가 불필요한 Unit Type으로 기존 건물에 간단히 설치하여 Clean Room으로 이용할 수 있습니다.
4. 설비비가 저렴합니다.
5. 공사기간이 단축됩니다.



- ① Hepa Filter
- ② Electric Heater
- ③ Control Panel
- ④ Fan
- ⑤ Cooling Coil
- ⑥ Pre-Filter

ITEM	MODEL	JD-CR-5	JD-CR-7.5	JD-CR-10
용량		5HP	7.5HP	10HP
COOLING CAP(cal/H)		14,000	21,000	28,000
HEATING CAP(cal/H)		6,020	10,320	12,900
FAN		DS #1 3/4 1HP	DS #1 3/4 ×2 2HP	DS #2 ×2 2HP
풍량(cir)		42	65	88
전원		AC 220V × 3 φ × 60Hz		
OPTION		HUMIDIFIER, PUNCHING DUCT.		

CLEAN ROOM SYSTEM

JD-CR-08

PASS BOX

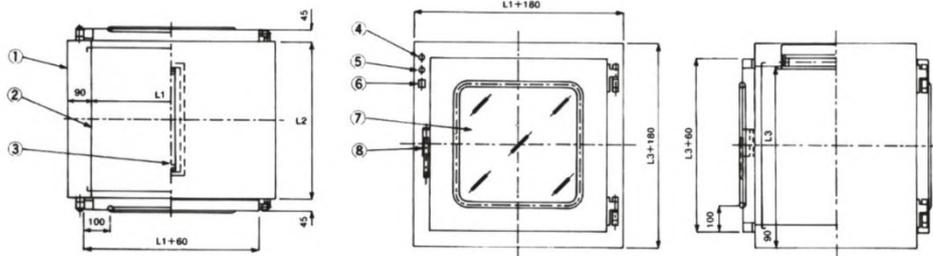


· Pass Box 란 Clean Room에 있어서 내부의 청정도를 그대로 유지하면서 외부로부터 물품의 반입과 반출을 자유로이 할 수 있는 Clean Unit입니다.
Pass Box는 Clean Room과 Clean Room의 경계에 설치하여 오염된 공기의 흡입을 방지합니다.

■ 특징

1. 오염공기 침입을 방지하기 위해 LOCKING장치가 되어 있습니다.
2. 필요에 따라 UV LAMP 및 INTER-PHON을 설치 할 수 있습니다.
3. AIR CURTAIN 형식으로 제작할 수 있습니다.

MODEL NO L1	500	600	700	800
MODEL NO L2	500	600	700	800
MODEL NO L3	500	600	700	800



CASING	1)SS 41에 메라민 소부 도장, 2)SUS304 HAIR LINE
내 부	SUS304 HAIR LINE
UV LAMP	AC 220V 15W
전 원	AC 220V × 1 φ × 60Hz
OPTION	INTER-LOCK, INTER-PHONE

CLEAN ROOM SYSTEM

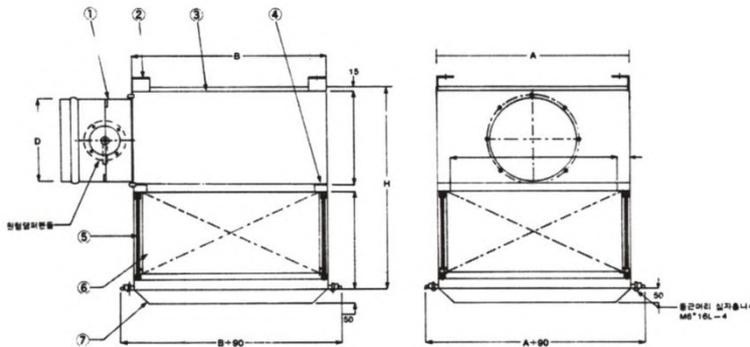
JD-CR-09 HEPA FILTER BOX



· HEPA FILTER를 내장시킨 UNIT로서 천정 토출구에 COMPACT하게 조합시킨 것이며, 이 UNIT는 LAMINAR 또는 CONVENTIONAL TYPE의 CLEAN ROOM에 사용됩니다.

■ 제작사양

1. MAIN FILTER : HEPA FILTER
2. EFF : 0.3 μ m 99.97% BY D.O.P TEST
3. PUNCHING PALTE : SCP or STS 304
4. 최초정압 : 25.4mmAq (표준 HEPA FILTER 사용시)
5. 교환시정압 : 50.8mmAq (표준 HEPA FILTER 사용시)
6. COLOR : 선택사양임.



■ 표준사양

NO	PARTICLSRS	MAT.L	Q.TY	DESCRIPTION
1	원형멤퍼	SCP	1	사양참조
2	행거고정대	SB	1	5T 50 *50
3	케이싱	SCP	1	1.2T
4	휠타고정대	SCP	1	1.2t 30 *50
5	휠타고정볼트	SCP	8	ϕ 3/8 *180L
6	HEAP FILTER		1	150t 610 *1220(DOP 99.97%)
7	타공판	SCP	1	760 *1370

MODEL	NO.	A	B	C	D
HEPA FILTER		305 × 305	610 × 610	610 × 610	610 × 610
AIR VOLUME		4CMM	18CMM	36CMM	54CMM
DIMENSION(A)		365	670	1310	1950
	(B)	365	670	670	670
	(C)	ϕ 150	ϕ 200	ϕ 250	ϕ 350
	(D)	610	610	610	720

※ 주문에 따라 재질은 SCP41, STS304로 제작
HEPA FILTER가 292t일때 (H)의 SIZE에 110mm만 더하면 됨.

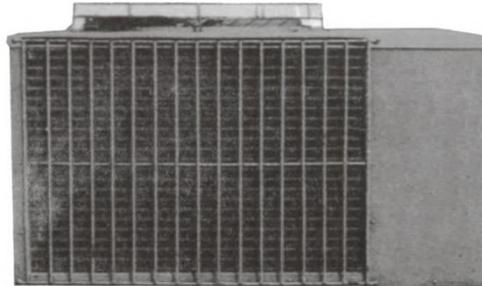
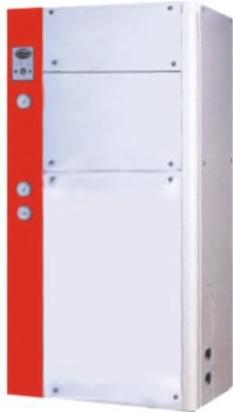
CLEAN ROOM SYSTEM

■ 향온 향습기의 특성

- 1) 제품을 소형화 하여 어떠한 장소에도 조화가 이루어지는 Design으로 설계되어 있습니다.
- 2) 집진 효율을 증대시켜 장비의 효율 및 쾌적한 환경을 조성합니다.
- 3) 고효율, 저소음형 시로코 Fan을 사용하여 정속 운전이 됩니다.
- 4) 각종 효율 보호장치와 경보 표시등을 갖추어 고장을 사전에 예방 할 수 있으며 다양한 기능으로 조작성 간편하고 신뢰성과 품질이 향상되었습니다.
- 5) 장비내에 자동 제어 System 및 냉동 사이클을 내장하여 소형 경량화함으로써 설치 및 이전이 간단하고 설치 면적이 줄어듭니다.
- 6) 향온 향습실의 형상 및 색상을 고려하여 제작, 도장하였기 때문에 향온 향습실에 조화가 잘 이루어집니다.
- 7) 누수 경보기를 내장하여 대형사고를 예방합니다.
- 8) 실내에서 흡수한 열을 실외공기와 열교환시켜 열을 제거하는 방식입니다.
- 9) 냉각수 배관이나 냉각수 순환 Pump가 필요없으므로 공사비 및 동력 손실이 절약됩니다.
- 10) 설치 및 사용이 간단하며 보수 정비가 용이 합니다.

JD-CR-10

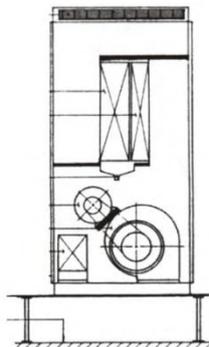
향온 향습기



▲ CONDENSING UNIT
◀ 실내

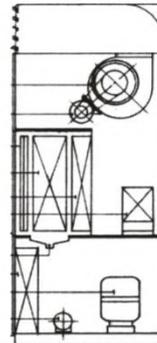
■ 향온 향습기의 구조

DOWN FLOW 방식



- ① Pre-Filter
- ② Cooling Coil
- ③ Heating Coil
- ④ Drain
- ⑤ Motor
- ⑥ Blower
- ⑦ Humidifier
- ⑧ Casing
- ⑨ Access Floor
- ⑩ Con' c Floor

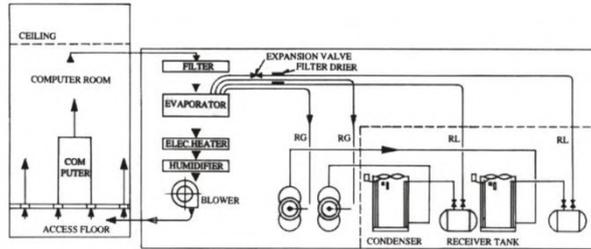
UP FLOW 방식



- ① Supply Grill
- ② Blower
- ③ Motor
- ④ Pre-Filter
- ⑤ Cooling Coil
- ⑥ Heating Coil
- ⑦ Humidifier
- ⑧ Return Grill
- ⑨ Control BOX
- ⑩ Drain
- ⑪ Compressor
- ⑫ Receiver Tank
- ⑬ Casing

CLEAN ROOM SYSTEM

■ 계통도



■ 표준사양

		JD-CR-10-5	JD-CR-10-6	JD-CR-10-7	JD-CR-10-10	JD-CR-10-15	JD-CR-10-20	
냉방능력	KCAL/H	14,000	16,800	21,000	28,000	42,000	56,000	
난방능력	KCAL/H	6,880	8,600	10,320	13,760	17,200	20,640	
가습능력	ℓ /H	3.6	4.8	6	7.2	9.6	12	
외형	폭	mm	1,100	1,400	1,350	1,500	1,800	2,000
	깊이	mm	750	750	750	750	750	850
	높이	mm	1,750	1,750	1,750	1,800	1,800	1,950
증발기	형식	MULTI-PASS CROSS FINNED TUBE TYPE						
	규격	4R×18S	4R×20S	4R×20S	4R×24S	4R×28S	5R×28S	
재열기	형식	AERO FINNED TUBE TYPE						
	규격	2×4	2.5×4	3×4	4×4	5×4	6×4	
가습기	규격	ELECTRIC PAN TYPE						
	전동기	3	2×2	2.5×2	3×2	4×2	5×2	
송풍장치	형식							
	규격	DS# $3\frac{1}{2}$ "×1	DS#2"×1	DS#2 $\frac{1}{2}$ "×1	DS#1 $\frac{3}{4}$ "×1	DS#2"×2	DS#2 $\frac{1}{2}$ "×2	
	풍량	CMM	55	65	82	110	165	220
청정기	1차 FILTER	KPS-1500B						
	2차 FILTER	KPS-1600N						
냉매제어장치	THERMOSTATIC EXPANSION VALVE							
냉매종류	R-22							
방음단열재	ARTILON(22)							

		PROPELLER FAN TYPE						
송풍장치	규격	550	450×2	660	550×2	650×2	750×2	
	풍량	CMM	110	66×2	165	110×2	165	220×2
	전동기	KW	0.4×1	0.2×2	0.75×1	0.4×2	0.75×2	0.75×2
압축기	형식	HERMETIC						
	출력	KW	3.75	22×2	5.5	3.75×2	5.5×2	7.5×2
배관치수	액관	φ	$\frac{1}{2}$ "	$\frac{3}{8}$ "	$\frac{1}{2}$ "	$\frac{1}{2}$ "	$\frac{3}{8}$ "	$\frac{3}{8}$ "
	HOT GAS	φ	$\frac{5}{8}$ "	$\frac{1}{2}$ "	$\frac{3}{4}$ "	$\frac{5}{8}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "
	가습기배관	φ	$\frac{1}{4}$ "					
	드레인	φ	20	20	20	25	25	25
TOTAL 제안전력			15.9	19.55	25.5	32.5	44.25	56

COLD ROOM etc.

JD-CR-11 U.V CABINET



* 규격 조절 제작 가능
** Fan, Filter 추가 Option

DIMENSION	(W)1200 × (D)600 × (H)1900mm
POWER	AC 220V (50/60Hz)
WATT	38W
LAMP	20W × 2개
TIMER	Door를 닫으면 설정한 시간만큼 On 된후 자동 Off

JD-CR-12 U.V 살균 CABINET



* 규격 조절 제작 가능

DIMENSION	(W)1200 × (D)600 × (H)1900mm
POWER	AC 220V (50/60Hz)
WATT	38W
LAMP	20W × 2개
TIMER	Door를 닫으면 설정한 시간만큼 On 된후 자동 Off

JD-CR-33 자외선 조사기



LAMP	UVA / UVB (램프 선택가능)
DIMENSION	(W)400 × (D)300 × (H)550mm - 규격 주문제작 가능

JD-CR-14D BEDDING CLEANER (깔짚처리기)



DIMENSION	(W)1000 × (D)700 × (H)1900mm
MATERIAL	SUS304 Stainless steel
POWER	220V, 1P
FILTER	MEDIUM, PRE FILTER
LAMP	F.L LAMP

COLD ROOM etc.

CLEANER etc.

JD-CR-27 CAGE CHANGING STATION



FRONT



BACK



SIDE

Dimension	(W)1300 x (D)750 x (H)1800mm
Air Volocity	0.5 - 0.2m/sec
Noise	60dB or Lower
Pre Filter	AFT 65%) 1set
HEPA Filter	0.3um (99.97%) 1EA
Blower	Low Noise & Low Vibrate Type
Caster	3inch Urethan roller Stopper Type
Lamp	F.L & U.V Lamp adapt
Material	SUS304 stainless
Power	220V, 1P, 60Hz

CLEANER etc.

JD-CR-19B 방진가운



색상	White, Sky Blue etc
MATERIAL	Polyester
규격	S, M, L, XL, XXL, XXXL

JD-CR-19C 방진가방



색상	White, Sky Blue etc
MATERIAL	Polyester
규격	250x350mm

JD-CR-19D 일반장화, 안전장화



규격	지정
MATERIAL	Rubber, Urethane
포장단위	1켤레

CLEAN ROOM SYSTEM etc.

JD-CR-17 AUTO HAND STERILIZER(손소독기)



MODEL	JD-003HS	JD-002HS
DIMENSION	315W×300L×420H	270W×220L×370H
MATERIAL	Stainless Steel	Stainless Steel
소비전력	48W	48W
분무량	1.3cc/SEC	1cc/SEC
CAPACITY	2,000C	1,000C
POWER	AC 220V, 1φ, 60Hz	AC 220V, 1φ, 60Hz
WEIGHT	7kg	5kg

JD-CR-17A HAND STERILIZER (손소독기)



Dimension	140Wx240Lx270Hmm
Material	ABS, PE
소비전력	최대 1W
색상	IVORY
사용전압	220V, 60Hz, 6V
건전지식	DC6Vx4EA

<전기, 건전지식 겸용>

JD-CR-18 발판소독조



DIMENSION	(W)900×(D)450×(H)30mm
MATERIAL	SUS304 Stainless Steel
	* 인조잔디포함
	* 규격 조절 가능

JD-CR-18A CLEAN MAT



DIMENSION	600x900mm
포장단위	Box/300장
색상	White, Blue (선택)

JD-CR-19 무균복, 방진복



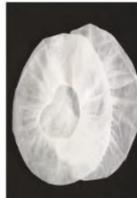
<원피스형>



<투피스형>

색상	White, Sky Blue etc
MATERIAL	Polyester
규격	S,M,L,XL,XXL,XXXL

JD-CR-20 1회용 모자



색상	White, Sky Blue 지정
MATERIAL	부직포
규격	PK/50EA

JD-CR-21 1회용 덧신, 무균덧신



<1회용>



<일반형>



<발목형>

Model	JD-CR-21A	JD-CR-21B	JD-CR-21C
Type	1회용	일반형	발목형
Material	부직포	Polyester	Polyester
포장단위	PK/50켤레	1켤레	1켤레

JD-CR-21T

방진토시



CLEAN ROOM SYSTEM etc.

JD-CR-22 BEDDING DISPENSER(자동깔집분배기)



DIMENSION	(W)1100x(D)1000x(H)2100mm
MATERIAL	Out - SUS304 Stainless Steel 1mm plate In - SUS304 Stainless Steel 1mm plate
BEDDING	Chip - Type
CAGE	Rat, Mouse Cage 겸용
POWER	220V, 1P, 60H
NOISE	60dB or Lower
	* Dual Cage Dispensing

·본 제품은 Cage에 깔집을 자동분배하여 지급하므로, 시간절약과 인력을 감소할 수 있는 획기적인 제품입니다.

JD-CR-23 사체보관냉동고 (일반형)



DIMENSION	(W)1004 x (D)560 x (H)900mm
MATERIAL	Out - Enamel Coating In - SUS304 Stainless Steel
TEMP RANGE	-18°C ~ -25°C
POWER	AC220V, 60Hz
WEIGHT	40kg
CAPACITY	268 Liter

· 초저온 냉동고가 아닌 저가형의 냉동보관용 냉동고입니다. 규격은 다양하게 있습니다.

JD-CR-29 신발장



DIMENSION	(W)800 x (D)400 x (H)1800mm
MATERIAL	SUS304 Stainless steel

** 규격은 요구하시는 대로 제작 가능합니다.

SURGICAL INSTRUMENT



JD-S-01

SPECIAL FINE POINT
Length : 120mm Straight
Number No : 1

F-1061



JD-S-02

SPECIAL FINE POINT
Length : 120mm Straight
Number No : 2

F-1062



JD-S-03

SPECIAL FINE POINT
Length : 120mm Straight
Number No : 3

F-1063



JD-S-04

SPECIAL FINE POINT
Length : 110mm Straight
Number No : 5

F-1064



JD-S-05

SPECIAL FINE POINT
Length : 115mm Straight
Number No : 7

F-1065



JD-S-06

VERY FINE POINT
Length : 109mm Curved
Number No : 5 (Bent at 45°)

F-1066



JD-S-07

VERY FINE POINT
Length : 106mm Curved
Number No : 5 (Bent at 90°)

F-1067



JD-S-08

EXTRA FINE POINT
Length : 110mm

F-1068



JD-S-09

EXTRA FINE POINT
Length : 115mm

F-1069

SURGICAL INSTRUMENT



JD-S-10 Microdissecting Spring Scissor
Length:105mm Blade 7mm Straight
S-1135



JD-S-11 Microdissecting Spring Scissor
Length:140mm Blade 10mm Straight, Curved
S-1136



JD-S-12 Microdissecting Spring Scissor
Length:140mm Blade 15mm Straight, Curved
S-1137



JD-S-13 Microdissecting Spring Scissor
Length:105mm Blade 7mm Curved
S-1138



JD-S-14 Microdissecting Spring Scissor
Length:110mm Blade 8mm Angled up
S-1139



JD-S-15 Microdissecting Spring Scissor
Length:80mm Blade 5mm Straight
S-1133-S



JD-S-16 Microdissecting Spring Scissor
Length:80mm Blade 5mm Curved
S-1133-C



JD-S-17 Microdissecting Spring Scissor
Length:80mm Blade 5mm Angled up
S-1133-A

SURGICAL INSTRUMENT



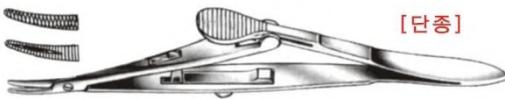
JD-S-18 Micro Spring Needle Holder
Length : 105mm Curved
H-1127-10



JD-S-19 Micro Spring Needle Holder
Length : 105mm Straight
H-1126-10

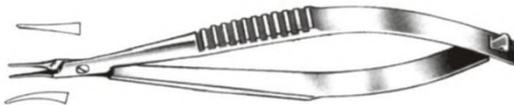


JD-S-20 Micro Spring Needle Holder
Length : 100mm Straight, Curved

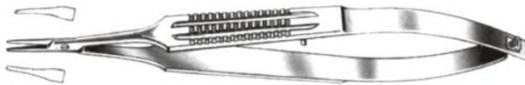


[단종]

JD-S-21 Micro Spring Needle Holder
Length : 140mm Straight, Curved



JD-S-22 Micro Spring Needle Holder
Length : 140mm Straight, Curved



JD-S-23 Micro Spring Needle Holder
Length : 140mm Straight, Curved



JD-S-24 Micro Scissor Wecker
Length:110mm Blade 10mm

SURGICAL INSTRUMENT



JD-S-25 Microdissecting Forcep
Length:100mm, Straight, Smooth



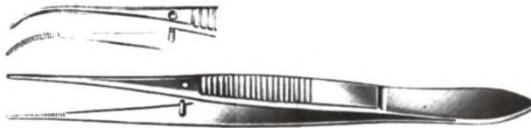
JD-S-26 Microdissecting Forcep
Length:100mm, Curved, Smooth



JD-S-27 Microdissecting Forcep
Length:100mm, Serrated Straight
F-1034



JD-S-28 Microdissecting Forcep
Length:100mm, Serrated Curved
F-1035



JD-S-29 Microdissecting Forcep
Length:100mm, Serrated, Straight, Curved
F-1030 Straight, F-1031 Curved



JD-S-30 Microdissecting Forcep
Length:110mm, 1x2teeth, Straight, Curved
F-1032 Straight, F-1033 Curved



JD-S-31 Microdissecting Forcep
Length:100mm, Angular
F-1076



JD-S-32 Microdissecting Forcep
Length:100mm, 1x2teeth, Straight
F-1072



JD-S-33 Microdissecting Forcep
Length:110mm, Straight

[판매중지]

SURGICAL INSTRUMENT

SURGICAL INSTRUMENT



JD-S-34 Dressing Forcep
Length : 140mm, 180mm, 200mm 1x2teeth
F-1022



JD-S-35 Dressing Forcep
Length : 150mm 2x3teeth
F-1025



JD-S-36 Dressing Forcep
Length : 140mm, 180mm, 200mm 3x4teeth



JD-S-37 Dressing Forcep
Length : 140mm, 180mm, 200mm Straight, Curved
F-1001 Straight, F-1011 Curved



JD-S-38 Sharp Dressing Forcep
Length : 125mm Straight, Curved
F-1046-12 Straight, F-1047-12 Curved



JD-S-39 Spatulate Forcep
Length : 120mm Straight, Curved
F-1099 Straight, F-1100 Curved



JD-S-40 Ring Forcep
Length : 150mm Straight



JD-S-41 Ring Forcep
Length : 90mm Ring : 10 φ
F-1091



JD-S-42 Ring Forcep
Length : 90mm Ring 3 φ, 6 φ, 6 φ × 8 φ
F-1090



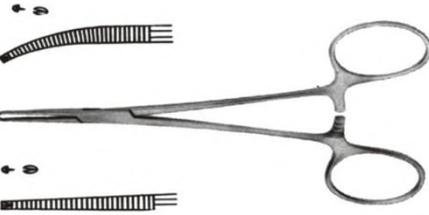
JD-S-43 Ear Dressing Forcep
Length : 160mm, 180mm, 200mm Serrated
F-1050

SURGICAL INSTRUMENT



JD-S-44 Mosquito Forcep (Micro)
Length : 120mm, Straight, Curved

H-1305 Straight, H-1306 Curved



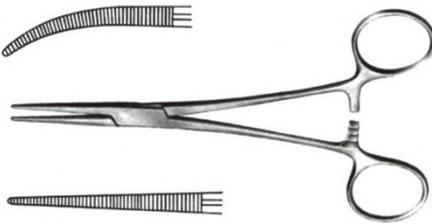
JD-S-45 Mosquito Forcep
Length : 120mm, 1×2 teeth Straight, Curved

H-1307 Straight, H-1308 Curved



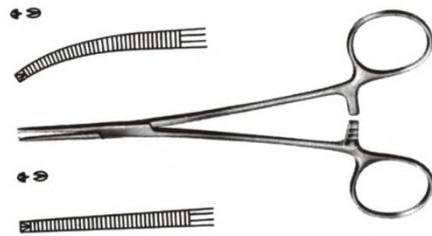
JD-S-46 Mosquito Forcep
Length : 120mm, Straight, Curved

H-1303 Straight, H-1304 Curved



JD-S-47 Hemostatic Forcep
Length : 140mm, 160mm, 180mm Straight, Curved

H-1310-S Straight, H-1310-C Curved



JD-S-48 Hemostatic Forcep
Length : 140mm, 160mm, 180mm 1×2 teeth Straight, Curved

H-1316 Straight, H-1317 Curved

SURGICAL INSTRUMENT



JD-S-49 Scissor (Blunt-Blunt)
Length : 140mm, 160mm, 180mm, Straight, Curved
S-1103 Straight, S-1106 Curved



JD-S-50 Scissor (Sharp-Blunt)
Length : 140mm, 160mm, 180mm, Straight, Curved
S-1101 Straight, S-1104 Curved



JD-S-51 Scissor (Sharp-Sharp)
Length : 140mm, 160mm, 180mm, Straight, Curved
S-1102 Straight, S-1105 Curved



[판매중지]

JD-S-52 Operating Scissor (Sharp-Blunt)
Length : 130mm, 145mm, Straight, Curved



[판매중지]

JD-S-53 Operating Scissor (Blunt-Blunt)
Length : 155mm, Straight, Curved



JD-S-54 Micro Scissor (Sharp-Sharp)
Length : 110mm, Straight, Curved
S-1107 Straight, S-1108 Curved

SURGICAL INSTRUMENT



JD-S-55 Dissection Scissor
Length : 140mm, 180mm, 210mm
S-1124



JD-S-56 Dissection Scissor
Length : 160mm
S-1125



JD-S-57 Dissection Scissor
Length : 175mm
S-1128



JD-S-58 Dissection Scissor
Length : 100mm

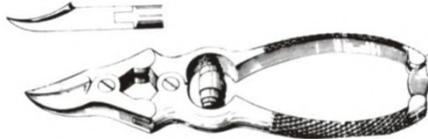


JD-S-59 Dissection Scissor
Length : 140mm, 180mm Straight
S-1116



JD-S-60 Dissection Scissor
Length : 140mm, 180mm Curved
S-1117

SURGICAL INSTRUMENT



JD-S-61 Bone Cutting Forcep
Length : 155mm
H-1810



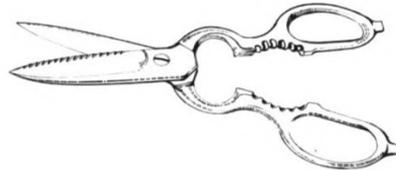
JD-S-62 Bone Cutting Forcep
Length : 140mm, 170mm, 190mm
H-1806



JD-S-63 Bone Cutting Forcep
Length : 270mm
H-1808



JD-S-64 Bone Cutting Forcep
Length : 200mm



JD-S-65 Dissection Scissor
Length : 210mm



JD-S-66 Dissection Scissor
Length : 240mm



JD-S-67 Resection Forcep

9.0mm	6.0mm	4.5mm
270mm	270mm	220mm

SURGICAL INSTRUMENT



JD-S-68 Artery Forcep
Length : 130mm



JD-S-69 Sponge Forcep
Length : 180mm

H-1338



JD-S-70 Sponge Forcep
Length : 150mm



JD-S-71 Bone Rongeur Forcep
Length : 140mm, 170mm

H-2040



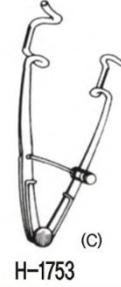
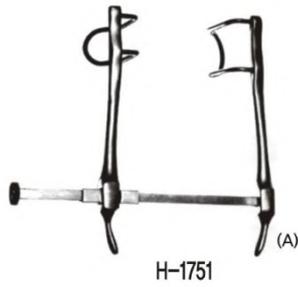
JD-S-72 Bone Rongeur Forcep

4×12	6×15	8×15	10×17
180mm	180mm	180mm	220mm

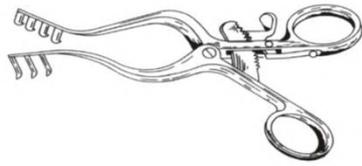


JD-S-73 Bone Rongeur Forcep
Length : 180mm

SURGICAL INSTRUMENT

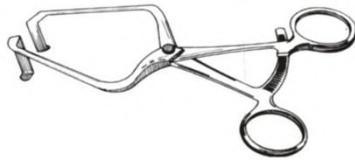


JD-S-74	Retractor
	A Length : 100mm-Open 50mm
	B Length : 50mm-Open 30mm
	C Length : 80mm-Open 30mm



JD-S-75	Retractor
	Length : 130mm, 160mm

H-1601 Sharp, H-1603 Blunt



JD-S-76	Retractor
	Length : 180mm, 45mm

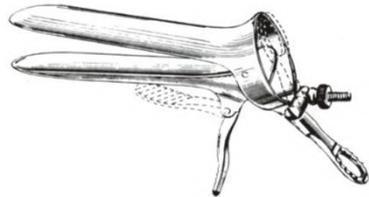


JD-S-77	Gag
	Length : 110mm, 150mm



JD-S-78	Cotton Peck
	Length : 120mm, 150mm, 300mm

H-2006



JD-S-79	Vaginal Speculum
	Length : 85 × 17mm, 75 × 15mm

H-1710

SURGICAL INSTRUMENT



H-1501

JD-S-80 Hand Retractor
Length : 160mm



H-1502

JD-S-81 Hand Retractor
Length : 220mm, Prong:1, 2, 3, 4, 6



JD-S-82 Hook
Length : 좌우 230mm



JD-S-83 Flat Retractor
Length : 200mm, Curved 15mm



JD-S-84 Flat Retractor
Length : 210mm, Curved 60mm

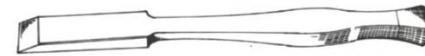


JD-S-85 Artery Forcep
Length : 180mm, 210mm, 240mm, 270mm, 300mm



H-1940

JD-S-86 Scoop Handle
Length : 190mm
Scoop Length : 4, 5.2, 6.0, 6.5, 8.0, 8.5, 10



H-1952

JD-S-87 Flat Awl Knife
Length : 145mm, (10, 12mm)

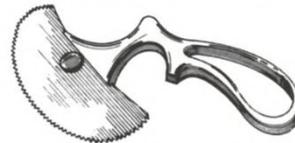


JD-S-88 Resection Saw
Length : 180mm, 55mm



H-2160

JD-S-89 Resection Saw
Length : 210mm, 300mm



JD-S-90 Resection Saw
Length : 180mm, -75mm



JD-S-91 Resection Saw
Length : 180mm, 75mm

SURGICAL INSTRUMENT



No.3



No.7



No.4

H-2201

JD-S-92	Scalpels
	Number : No. 3, 4, 7



No. ⑩ ⑪ ⑫ ⑬ ⑭ ⑮ ⑰ ⑱



No. ⑳ ㉑ ㉒ ㉓ ㉔

H-2202

JD-S-93	Blade
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JD-S-94	Skin Blade
	Length : 290mm Blade 160mm

H-1983 (다회용)

JD-S-95 DISPOSABLE BIOPSY PUNCH

Size	2mm, 3mm, 4mm, 5mm, 6mm, 8mm
Box	20EA



JD-S-96 BLACK SILK (비흡수성)

Number	2-0, 3-0, 4-0, 5-0, 6-0, 7-0
Material	SILK · 비흡수성 봉합사
Needle	유침, 무침 선택



JD-S-96N NYLON (비흡수성, 유침)

JD-S-97 VICRYL (흡수성)

Number	3-0, 4-0, 5-0, 6-0
Material	흡수성 봉합사
Needle	유침, 무침 선택



JD-S-98 NEEDLE 제작



SIZE	15 Gauge~30Gauge
Material	Stainless Steel
PACK	10EA

SURGICAL INSTRUMENT

SURGICAL INSTRUMENT

JD-S-101 ARTERY CLAMP



(B)	30mm, 35mm
	Straight
(C)	30mm, 35mm
	Curved
(D)	35mm, 40mm, 45mm
	Curved
(E)	35mm, 45mm, 45mm
	Straight
(F)	60mm
	Straight, Curved

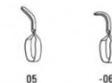
※상세내역 136P 참고하세요.

S-101 MC



	01	02	03	04
Jaw Length(mm)	10	8	6	4
Jaw Width(mm)	2	2	1	0.75
Total Length(mm)	19	16	15	13
Jaw Pressure(gr)	60	85	100	125

S-101 MC

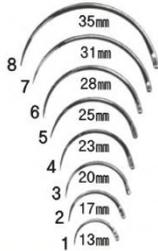


	05	06
Jaw Length(mm)	6	4
Jaw Width(mm)	1	0.75
Total Length(mm)	17	16
Jaw Pressure(gr)	100	125



S-101FA

JD-S-102 SUTURE NEEDLE



Suture Needle No. 1~8

JD-S-104 AUTO CLIP



Size	7mm	9mm
Animal	Mouse 전용	Mouse, Rat용
Clip	100EA	100EA, Box/1000pcs
구성	Applier(본체)	Applier(본체)
	Remover(Clip제거)	Remover(Clip제거)
	Clip Blade	Clip Blade

JD-S-103 SUTURE SILK



Suture Silk No. 1~8

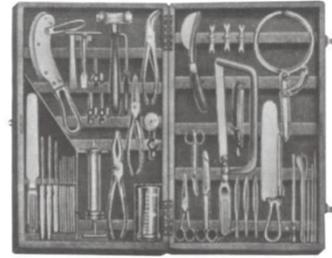
SURGICAL INSTRUMENT

JD-S-106 INSTRUMENT SET(5PIECE)



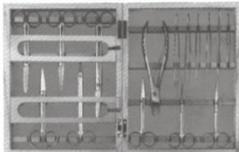
·Scissor (S-B)	140mm	1EA
·Micro Scissor (S-S)	100mm	1EA
·Micro Forcep	100mm	1EA
·Dressing Forcep	140mm	1EA
·Scalpels		1EA

JD-S-108 INSTRUMENT SET(병리해부용)



PIECE	40 Piece
MATERIAL	Stainless Steel
용도	병리해부용

JD-S-107 INSTRUMENT SET(22PIECE)



Dressing Forcep(Straight)	130mm	1EA	Bone Cutting Forcep	155mm	1EA
Semken Forcep(Straight)	125mm	2EA	Operating Scissor(Two-Sharp)	130mm	1EA
Semken Forcep(Curved)	125mm	1EA	Dissecting Scissor	145mm	1EA
Tissue Forcep	145mm	1EA	Scalpel	No.3	1EA
Scissor (Two-Blunt)(Straight)	145mm	2EA	Scalpel	No.4	1EA
Scissor (Sharp-Blunt)(Straight)	140mm	2EA	Blade	No.10	1EA
Scissor (Two-Sharp)(Straight)	145mm	2EA	Blade	No.20	1EA
Micro Scissor	100mm	2EA	Bulldog Clamp	40mm	2EA

JD-S-109 INSTRUMENT SET(40PIECE)



Dressing Forcep(Straight)	130mm	1EA	Operating Scissor(Two-Sharp)	130mm	1EA
Smetken Forcep(Straight)	130mm	2EA	Dissecting Scissor	145mm	1EA
Fine Dressing Forcep(Straight)	110mm	1EA	Bone Cutting Forcep	155mm	1EA
Meriam Forcep(Curved)	160mm	1EA	Hemostatic Forcep(Straight)	160mm	3EA
Micro Forcep(Curved)	110mm	1EA	Hemostatic Forcep(Curved)	120mm	1EA
Tissue Forcep	115mm	1EA	Bulldog Clamp(Straight)	40mm	4EA
Ring Tissue Forcep	110mm	3EA	Bulldog Clamp(Curved)	40mm	4EA
Scissor (Two-Blunt)(Straight)	145mm	1EA	Michel Wound Clip Applying and Removing Forcep	120mm	1EA
Scissor (Sharp-Blunt)(Straight)	145mm	1EA	Surgeon Needle	20×10mm	1EA
Scissor (Sharp-Blunt)(Straight)	145mm	1EA	Scalpel	No.3	1EA
Micro Scissor(Two-Blunt)	145mm	1EA	Scalpel	No.4	1EA
Micro Scissor(Curved)	145mm	1EA	Blade	No.10	1EA
Cartilage Scissor(Straight)	110mm	1EA	Blade	No.20	1EA
Cartilage Scissor(Curved)	110mm	1EA	Plaster of Paris Saw	180mm	1EA
Bandage Scissor	240mm	1EA	Retractor	80mm	1EA

SURGICAL INSTRUMENT

JD-S-110 수술복 SET



수술복 SET	SIZE : 특대, 대, 중, 소
색 상	청색, 하늘색, 녹색

※ 자세한 사항은 90페이지를 참고해주세요.

JD-S-111 수술용 모자



A. 1회용



B. 수술용

일회용	PACK / 50EA(부직포)
수술용	PACK / 10EA(면)

JD-S-112 수술용 MASK



(A)



(B)

수술용 MASK	(A) Box / 20EA
	(B) Box / 50EA

JD-S-113 손보호용 GLOVE



동물보호용 GLOVE SIZE : FREE

JD-S-113(A) 손보호용 GLOVE(스테인레스)



A-Short : 손목형



B-Long : 팔목형

※ 팔목형은 S, M, L만 해당됩니다.

사이즈	스트랩색상	총길이(cm)	중지길이(cm)	손바닥너비(cm)	중량(g)
XXS	여성보통손	20	7.5	10.5	173
XS	여성보통손	21	8	10.5	180
S	여성큰손	21	8	11	201
M	남성보통손	23.5	9	11.5	218
L	남성큰손	24	9	12.5	240

JD-S-115 수술용 장갑



(A)



(B)

수술용 장갑(A)	SIZE : S, M, L, XS
	Box / 100EA

SURGICAL INSTRUMENT

JD-S-116 EAR PUNCH



LENGTH	48mm
HOLE	1.5mm
MATERIAL	Stainless Steel

JD-S-117 EAR PUNCH



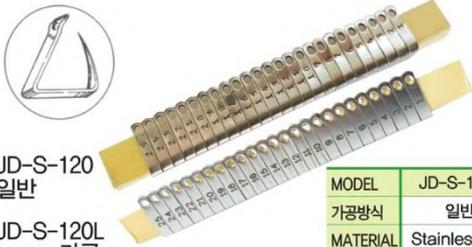
LENGTH	135mm
HOLE	1.5mm(Mouse), 2.0mm(Rat)
MATERIAL	Stainless Steel

JD-S-118 EAR PUNCH



LENGTH	160mm
HOLE	1.5, 2.0, 2.5, 3.0mm
MATERIAL	Stainless Steel

JD-S-120 EAR TAG(RAT, MOUSE)



JD-S-120
일반

JD-S-120L
Laser 가공

MODEL	JD-S-120	JD-S-120L
가공방식	일반	레이저가공
MATERIAL	Stainless steel	
NUMBER	1-500, 1-1000 (100EA 단위 판매가능)	
SIZE	(W)2.5x(L)6mm	

JD-S-121 EAR TAG 장착기



LENGTH	140mm
MATERIAL	Stainless Steel

JD-S-122-B TATTOOING (문신기)



Power	AC 220V, 60Hz
회전속도	7,500~12,000rpm
셋트구성	머신 (기계)
	니들 1PK, 니들캡
	색소 (잉크-검정)

JD-S-123A SKIN MARKER



Color	Blue, Black, Red
용도	Surgical Skin Marker

ANIMAL EAR TAG



SPECIFICATIONS

Material	Male Tag : Aluminum 
	Female Tag : Stainless Steel 
Size	Mouse : O.D.3.5mm with 3mm pin Rat : O.D.3.5mm with 5mm pin

1.Red 2.Green 3.Blue 4.Light Blue 5.Black



MODEL No	DESCRIPTION	QUANTITY
M-3	La Pias Ear Tag for Mouse	100 ea/color(Numbered 1-100)or 100 ea/5colors(Numbered 1-20/color)or
R-3	La Pias Ear Tag for Rat	100 ea/color(Numbered 1-100)or 100 ea/5colors(Numbered 1-20/color)or

JD-PA-3 EAR TAG APPLICATOR



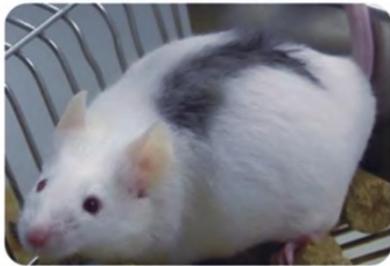
SURGICAL INSTRUMENT

SURGICAL INSTRUMENT

JD-FG ANIMAL MARKER



Model No.	Color
FG2200B	Blue
FG2200G	Green
FG2200R	Red
FG2200Y	Yellow
FG2200D	Orange
FG2200K	Black



▷ Animal Marker

실험실 실험동물의 Marking을 위해서 개발된 Animal Marker는 다른 Marking 제품들에 비해 사용하기 쉽고, Marking된 내용이 오래동안 지속되는 특징이 있어, 누구나 부담없이 사용할 수 있는 제품입니다. 그리고 이 제품은 피부 표면의 털을 깎을 필요 없이 바로 털 위에 사용할 수 있는 제품입니다.

제품 특징

1. 무독성제품으로 어떠한 유해한 물질도 포함되지 않았습니다.
2. 털을 깎을 필요 없이 털 위에 바로 사용할 수 있습니다.
3. 1개의 Marker로 약 300마리에서 500마리 정도 Marking이 가능합니다.
(실험동물의 크기나, Marking하는 영역에 따라 차이는 있습니다.)
4. 한번의 Marking으로 6에서 12주 정도 지속됩니다.

※ 주의사항

실험자의 옷이나 피부에 묻을 수 있으니, 실험용 장갑과 실험복을 입고 사용하시기 바랍니다.

OPPEN

KN-297 Laboratory animal's ID marker



Oppen



Can be used on the tail and skin of mice and rats

- Available in five colors.
- Capable of marking the tail and skin of not only albino mice but also colored mice such as C57BL/6.
- Animal-safe inks are used.

The method of marking the tail with Oppen is suitable for short-term identification. Compared to ear-punching or ear-marking, which involves cutting the animal's ears, this method is less stressful on the animal and easier for the experimenter.



Cat No.	Product Name	for Albino Animals	for Colored Animals
KN-297-B-6	Oppen Black [6pcs/pac]	○	○
KN-297-G-6	Oppen Green [6pcs/pac]	○	○
KN-297-P-6	Oppen Pink [6pcs/pac]	○	○
KN-297-LB-6	Oppen Light Blue [6pcs/pac]	○	○
KN-297-V-6	Oppen Violet [6pcs/pac]	○	○

V2-2312


 株式会社 夏目製作所
<https://www.nazme.co.jp>



NATSUME SEISAKUSHO CO.,LTD.

2-18-6, Yushima, Bunkyo-ku, Tokyo JAPAN 113-8551

For Inquiry ☐ g-support@nazme.co.jp

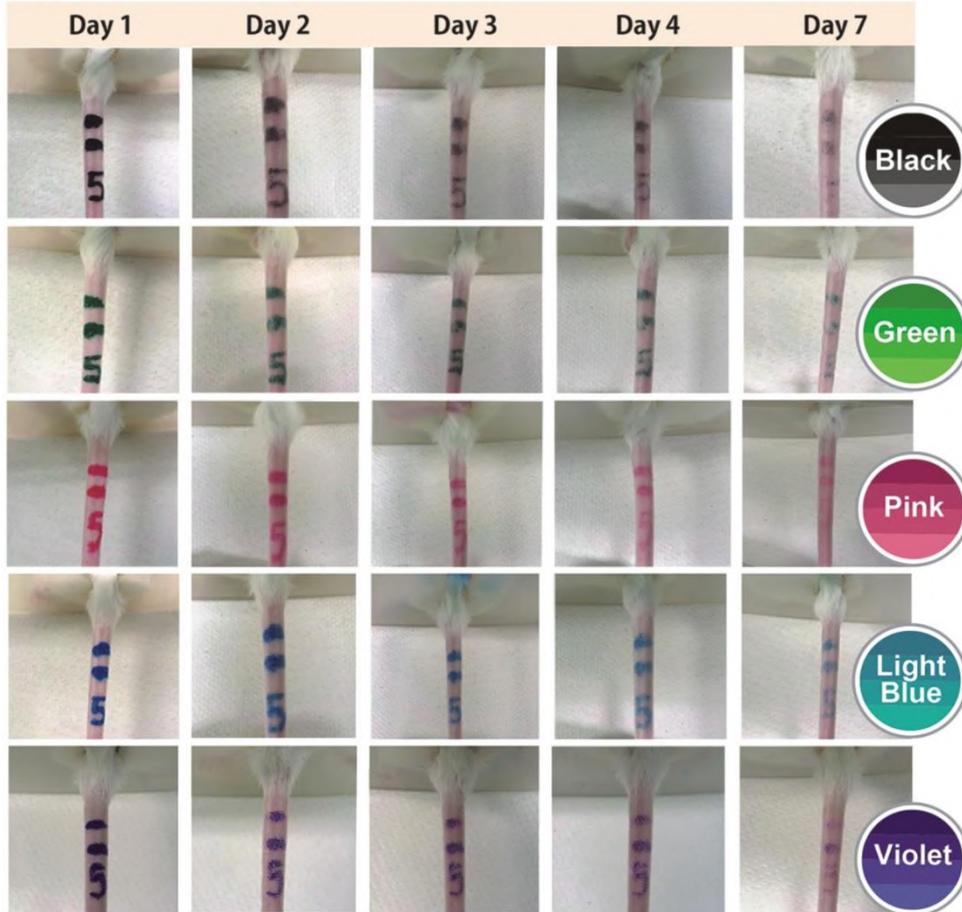
OPPEN

OPPEN

KN-297 Laboratory animal's ID marker

Oppen

ICR



※The frequency of re-marking varies depending on the strain, individual differences, and age of the mice, etc.
 ※Color appearance may vary depending on the type of lighting.

OPPEN

Can also be used for marking skin and ears when performing surgery.

Suitable for identification by staining their hair.



Final report
Acute oral toxicity test
of Oppen's ink



Oppen
Product page



Animal Marker
Product page

SURGICAL INSTRUMENT

JD-S-124 ORAL ZONDE NEEDLE

* 휘어서 사용가능



* 날개 판매가능

MATERIAL	Stainless Steel / PK / 6EA
SIZE	Mouse : ϕ 0.9×50mm(20G), ϕ 0.9×70mm(20G), ϕ 0.55×38mm(24G)
	Rat : ϕ 1.2×80mm(18G)
	Guinea-Pig : ϕ 1.5×120mm(17G)

JD-S-125 NIL식 FLEXIBLE ORAL ZONDE NEEDLE

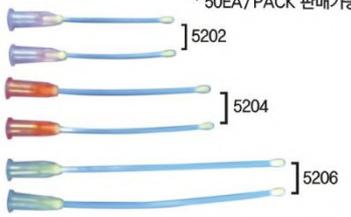


* 날개 판매가능

MATERIAL	Polyethylene Tube PK / 6EA
SIZE	Mouse : ϕ 1.5×70mm
	Rat : ϕ 1.7×90mm(200g ϕ 18)
	ϕ 2.0×100mm(-250g)

JD-S-126 DISPOSABLE ZONDE

* 50EA/PACK 판매가능



MATERIAL	Polyethylene + Plastic Box / 250EA
SIZE	5202 - ϕ 1.2×55mm (Mouse)
	5204 - ϕ 1.5×70mm (Mouse, Rat)
	5206 - ϕ 1.8×95mm (Rat)

JD-S-127 CAPSULE INJECTOR



MODEL	Capsule Injector	규격
JD-S-127A	Capsule Injector	ϕ 1.8×100mm
JD-S-127B	Mini Capsule	ϕ 2.65×4.3mm PK/100EA
JD-S-127C	Capsule Device	STAINLESS

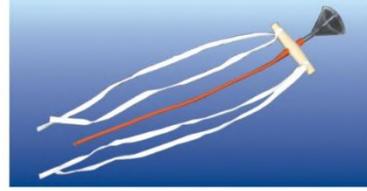
JD-S-128 TRANSPLANT NEEDLE



SIZE(大)	ϕ 2.0×(L)35mm
(中)	ϕ 1.5×(L)35mm
(小)	ϕ 1.0×(L)35mm
(Mouse용)	ϕ 0.8×(L)20mm
MATERIAL	Stainless Steel

SIZE	大 : ϕ 2.5×(L)85mm (13G)	그램-B
	中 : ϕ 2.0×(L)85mm (14G)	그램-B
	小 : ϕ 1.5×(L)85mm (17G)	그램-B
	특大 : ϕ 3.5×(L)85mm	그램-B

JD-S-129 FEEDING CATHETER



MATERIAL	Funnel Glass RUBBER Tubing, Wood
SIZE	Rabbit : ϕ 5.5×(L)330mm
	Dog : ϕ 9×(L)900mm

SURGICAL INSTRUMENT

JD-S-130 COLLECTION INJECTOR



* 유리주사기 OPTION

SIZE	φ 1.2×50mm
SIZE	φ 1.5×50mm
MATERIAL	Stainless Steel

JD-S-131 ANIMAL SYRINGE



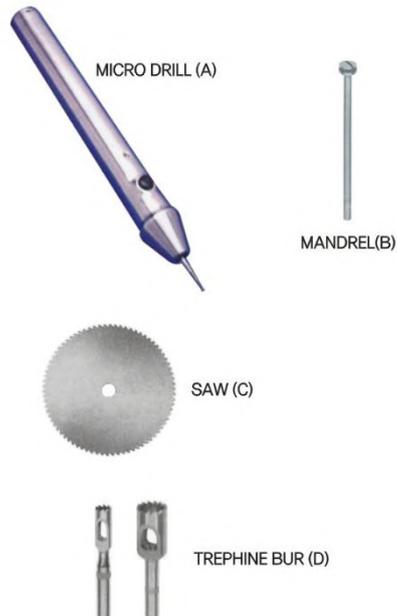
CAPACITY	0.25, 0.5, 1, 2, 3, 5, 10, 20cc
MATERIAL	Glass

JD-S-132 MICRO SYRINGES



CAPACITY	5, 10, 50, 100, 250, 500 Micro
GAUGE	22, 23, 25, 26, 28, 30, 31, 33 Gauge

JD-S-133 MICRO DRILL



MODEL	품명	규격
JD-S-133A	MICRO DRILL	φ19 x 180mm
JD-S-133B	MANDREL	φ2.3 x 45mm
JD-S-133C	STAINLESS SAW	16MM, PK/10EA
JD-S-133D	TREPINE BAR	2,4,6,8mm 선택

JD-S-135 CAPILLARY TUBE



PACK	1000 Piece
HEPARIN	처리(REDD), 무처리(BLUE) 선택

SURGICAL INSTRUMENT

JD-S-136W ANIMAL CLIPPER



* BLADE SIZE

Size	40	30	15	10
mm	0.1	1.0	1.5	2

SIZE	φ 50 × (H)170mm
POWER	220V
BLADE	1Box
OIL	1EA

JD-S-138C ANIMAL CLIPPER

* 소동물 전용 (Mouse, Rat)



SIZE	φ 30 × 150mm
POWER	220V
BLADE	1EA
OIL	1EA

JD-S-139 제모용 포집기



DIMENSION	(W)1000 × (D)600 × (H)800mm
POWER	220V
MATERIAL	SUS304

ELECTRIC DISSECTOR - 전동해부톱



H-4000A

BD141 BD143 BD140 BD142



64mm 76mm 51mm 64mm



H-4001A

BD101 BD108 BD104 BD105



일반(63.5mm) 소형(44.5mm) 원형(63.5mm) 척추용(98.5mm)

SURGICAL INSTRUMENT

SURGICAL INSTRUMENT

JD-S-141 INSTRUMENT TRAY



NO	DIMENSION(W×D×H)	
T-1040 (A)	370×270×75mm	4철
T-1060 (B)	300×200×55mm	6철
T-1080 (C)	230×130×45mm	8철
T-1017 (D)	450×120×60mm	(Catheter)
T-1016 (E)	220×80×40mm	(Syringe)
MATERIAL	All SUS304 Stainless Steel	

JD-S-142 INSTRUMENT TRAY



MODEL	ITEM	DIMENSION(W×D×H)
JD-S-142(A)	Instrument Tray T-1120	530×430×80mm
	T-1140	360×320×60mm
	T-1160	280×220×55mm
	T-1170	250×200×40mm
	T-1180	215×175×25mm
JD-S-142(B)	농반 T-3340	240×100×45mm
MATERIAL	SUS304 Stainless Steel	

JD-S-143 JAR



MODEL	품명	SIZE (φ × H)
T-3180	JD-S-143(A)	Sterilizing Drum φ 250
T-3150	JD-S-143(B)	Sterilizing Drum φ 150
T-3050	JD-S-143(C)	Dressing Jar φ 170×170mm(5호)
T-3040	JD-S-143(D)	Dressing Jar φ 140×150mm(4호)
T-3030	JD-S-143(E)	Dressing Jar φ 115×120mm(3호)
T-3020	JD-S-143(F)	Dressing Jar φ 85×90mm(2호)
T-3010	JD-S-143(G)	Dressing Jar φ 70×60mm(1호)
T-3240	JD-S-143(H)	Forcep Jar φ 60×150mm
T-3210	JD-S-143(I)	Forcep Jar φ 60×110mm
MATERIAL	SUS304 Stainless Steel	

SURGICAL INSTRUMENT

JD-S-144 STERILIZER OPERATION KITS



DIMENSION	(W)180×(D)120×(H)150mm
MATERIAL	Stainless Steel + Steel

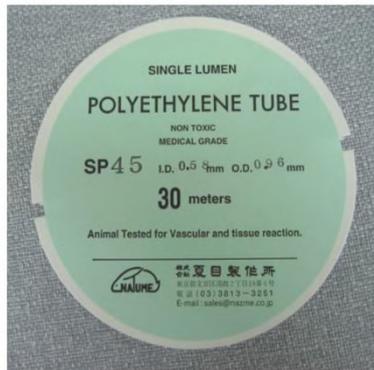
JD-S-145 STERILIZER OPERATION KITS



#05-501

DIMENSION	(W)145×(D)125×(H)135mm
MATERIAL	110/220V, 60Hz, 90W
TEMP	250°C

JD-S-146 POLYETHYLENE TUBING



SIZE	3m, 30Meter
MATERIAL	Polyethylene

No.	내경×외경(mm)	PE-전호	Needle(Gal)	No.	내경×외경(mm)	PE-전호	Needle(Gal)
SP 8	0.20×0.50			SP 74	1.00×2.00		
SP 10	0.28×0.61	PE-10	30	SP 95	1.20×1.70	PE-190	18
SP 19	0.35×1.05	PE-20	27	SP 102	1.40×1.90	PE-200	17
SP 28	0.40×0.80		26	SP 110	1.50×2.50		
SP 31	0.50×0.80			SP 116	1.50×2.70		
SP 35	0.50×0.90			SP 120	1.57×2.08	PE-205	16
SP 37	0.50×1.00			SP 136	2.00×3.00		
SP 40	0.50×1.50			DP 4	0.40×1.15		
SP 45	0.58×0.96	PE-50	23	DP 8	0.70×1.75		二重管
SP 50	0.75×1.45			DP 12	0.90×2.20		
SP 55	0.80×1.20	PE-60	21	DP 14	1.10×2.70		
SP 61	0.86×1.27	PE-90	20	TP 4	0.50×1.50		三重管
SP 65	0.86×1.52	PE-100	20	TP 8	0.78×2.00		
SP 67	0.97×1.75			TP 10	0.96×2.50		
SP 70	1.00×1.50	PE-160	18				

JD-S-147 SILICON TUBING

No	내경 × 외경(mm)	PACKAGING
SIL-025	0.30 × 0.64	25ft (약 7.62M)
SIL-037	0.64 × 0.94	25ft (약 7.62M)
SIL-047	0.64 × 1.19	25ft (약 7.62M)
SIL-065	0.76 × 1.65	25ft (약 7.62M)
SIL-080	1.02 × 2.03	25ft (약 7.62M)

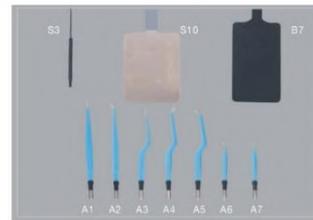


SURGICAL INSTRUMENT

JD-S-148 ELECTRONIC MES (BIPOLAR, MONOPOLAR)



<Monopolar>



<Bipolar>

MODE	300 BASIC	200 BASIC	150 BASIC
WATTS	300W	200W	150W
DIMENSION	(W)300 × (D)395 × (H)137mm		
POWER SOURCE	220V, 50/60Hz		
BIOPOLAR(CUT/COAG)	90/80W	80/70W	70/60W
MONOPOLAR	90/80W	80/70W	70/60W
기본구성	악세서리 모두 포함	Bipolar, Monopolar Forcep 선택	Bipolar, Monopolar Forcep 선택

JD-S-150 SMALL VESSEL CAUTERIZER

TEMP	1000°C
TIP	Straight, Angeled Tip 2EA
BATTERY	2EA(AA)

JD-S-151 POCKET CAUTERY

SIZE	φ 18 × (L)200mm
TIP	Straight : 4EA
BATTERY	2EA(AA)

OPERATING LIGHT

JD-LS-200T OPERATING LIGHT

* 천정 및 벽부착형 (CEILING & WALL)



LED (EA)	18EA
LED LIFE SPAN	5만시간
ILLUMINAION	110,000 LUX
HEAD SIZE	350*340MM
POWER	220V, 60HZ, 25W

JD-LS-200S OPERATING LIGHT

* 스텐드형 (MOBILE)



LED (EA)	18EA
LED LIFE SPAN	5만시간
ILLUMINAION	110,000 LUX
HEAD SIZE	350*340MM
POWER	220V, 60HZ, 25W

JD-S-154 SURGICAL SIDE LAMP



SPECIFICATION	
REFLECTOR DIAMETER	φ 150mm
ILLUMINATION	12,000±1,000 Lux
POWER CONSUMPTION	50W
BULB	Halogen 24V, 50W
ROTATION	360°
POWER SOURCE	AC 110 or 220V
CASTER	2"×4PCs

JD-S-157 적외선 온열등 (체온유지)



SPECIFICATION	
DIMENSION	φ 150 x (H)600mm
POWER	220V
LAMP	100W

JD-S-156 HALOGEN LIGHT



SPECIFICATION	
ILLUMINATION	20,000 Lux
POWER CONSUMPTION	100W
POWER SOURCE	220V

BALANCE

SMALL ANIMAL BALANCE (MOUSE, RAT)

JD-B-01



CAPACITY	0.5g~2kg
	5g~10kg
ANIMAL	Rat, etc

JD-B-02



CAPACITY	1g~500g
ANIMAL	Mouse, Rat, etc

JD-B-03 * Animal 전용저울



CAPACITY	0.01~2100g
ANIMAL	Mouse, Rat, etc

JD-B-04 MEDIUM ANIMAL BALANCE



CAPACITY	1g~5000g
ANIMAL	Rabbit, Cat

JD-B-05 LARGE ANIMAL BALANCE



CAPACITY	20g~100kg, 50g~150kg
ANIMAL	Dog, Pig etc

JD-B-06 DIGITAL BALANCE



CAPACITY	0.1~2100g
	0.1~3000g
	0.1~6000g

JD-B-07 TWO-PAN BALANCE



CAPACITY	1g~500g
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JD-B-08 BEAM BALANCE



CAPACITY	0.1~2610g
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JD-B-09 PRINTER



TYPE	Thermal Paper
DIMENSION	(W)210×(D)130×(H)46mm

BALANCE

JD-B-10 CHEMICAL BALANCE



모델명	JD-B-10A	JD-B-10B	JD-B-10C	JD-B-10D	JD-B-10E
최대값	120g	220g	320g	45g	80g
1눈의값	0.1mg	0.1mg	0.1mg	0.01mg	0.01mg
사용온도범위	5°C~40°C				
접시크기	φ80mm			φ60mm	
본체크기	약220W×400D×320H(mm)			약220W×465D×320H(mm)	
자체중량	약11Kg			약13Kg	
전원	100/120/240VAC(-15%~+10%), 50/60Hz, 약 10VA				

JD-B-11 MULTI-FUNCTION BALANCE



모델명	JD-B-11A	JD-B-11B	JD-B-11C	JD-B-11D	JD-B-11E
최대값	600g	6000g	120g	600g	1200g
1눈의값	0.1g	1g	0.01g	0.05g	0.1g
사용온도범위	5°C~40°C				
접시크기	170×130mm(Stainless Steel)	φ110mm	170×130mm(Stainless Steel)		
본체크기	약185W×215D×55H(mm)				
자체중량	약1.25Kg				
전원	AC 어댑터 DC 16V, 80mA(DC 15V, 100mA)				

JD-B-12 PRECISION BALANCE



최대값 (g)	200g
1눈의값	0.001
사용온도범위	5°C~40°C
접시크기	φ 120
본체크기	(W)216×(D)356×(H)95mm
자체중량	약 13.6kg
전원	AC Adapter 220V

THERMO HYGROMETER

JD-DT-01 ELECTRONIC THERMO-HYGROGRAPH(자기온습도기록계)



RANGE	-15~50°C, 0~100%
RESOLUTION	1°C, 1% 기록 PEN 곡률반경
DRUM	직경 93mm
ACCURACY	±0.5°C 이내, ±0.3% 이내
1일용	24시간 (12.17mm/시)
7일용	168시간 (41.74mm/일)
31일용	744시간 (9.42mm/일)
62일간	1488시간 (4.73mm/일)
93일간	2232시간 (3.15mm/일)
DIMENSION	(W)325×(D)145×(H)282mm
TOTAL SIZE	(W)475×(D)175×(H)325mm
ACCESSORIES	전용기록용지(1년분), 건전지(단2.2본)
WEIGHT	3.2kg

JD-DT-02 PRECISION THERMO-HYGROMETER



HUMIDITY	20%~100%(1목성 2%) 아나로그 표시, 정도 4%(20°C±5°C)
TEMP RANGE	-20~+60°C(0.1°C표시) 디지털 표시, 정도 ±1°C
SIZE	본체, 외경 135×순 33mm
ACCESSORIES	장치 외경 160×순 4mm 단 3건전지 1본
WEIGHT	0.35Kg

JD-DT-03 DIGITAL THERMO-HYGROMETER



RANGE	10.0 to 95.0% RH/0.0 to +60.0°C : 32 to 140 ° F
RESOLUTION	0.1% RH : 0.1°C : 1°F
ACCURACY	2% RH : 0.4°C : 1°F
RESPONSE TIME	6 Seconds for 95% RH accuracy 15 Seconds for 95% °C / °F accuracy with air movement
READOUT CALIBRATION	1/2 ° LCD 3trimmers placed on the probe tube permit calibration of low and high humidity and also the temperature
TYPE OF PROBE	Hi 70601 made of a robust ABS tube(in cluded) containing a thin-film capacitance humidity sensor, a temperature sensor and an amplifier, length 170mm, diameter 26mm, with 1meter spiral cable(included)
BATTERY	One 9V battery(included) : life 100hours of continous use
DIMENSION	(W)83×(L)180×(H)46mm
WEIGHT	Instrument and probe 315 g complete with soft carrying case(included) 525g

DIGITAL THEMOMETERS etc.

JD-DT-04 LUX METER

■ FEATURE

- 저비용 고정밀 측정시 특수나 축광의 높은 강도
- 센스선의 길이 : 1.5m·모든 광원 측정가능
- Max. Hold·영점조정·Data Hold



DISPLAY	2000count, large LCD display, easier to read
SENSOR	Silicon Photo diode and filter
MEASURING RANGE	200,2000,20000,200000Lux

JD-DT-08S 직장체온계 센서



JD-DT-08S-M	Mouse Sensor	1mm
JD-DT-08S-R	Rat Sensor	2mm
JD-DT-08-RA	Rabbit Sensor	2.5mm

JD-DT-05 SOUND LEVEL METER



측정 범위	30~130dB
측정 정도	±1.5dB
주파수 범위	3.15Hz~8kHz
측정 종류	SPL, Leq, SEL, MAXL, MINL
동특성	Impulse, Fast, Slow
MICROPHONE	1/2 inch 콘덴서 마이크로 폰
출력	2Vms, 10mV/dB DC/dB
사용온습도범위	5~40°C, 10~80% 이하 (RH)
전원	1.5(AAA) × 4EA
크기 . 무게	265(L) × 72(W) × 21(H)mm, 210g

JD-DT-08P 소동물용 직장체온계 + 프린터



JD-DT-08G 소동물용 직장체온계



독일제

TEMP RANGE	-25~125°C
DIMENSION	(W)76 × (H)35 × (D)186mm
SENSOR	φ 2 × L45mm
DISPLAY	Digital

JD-DT-07 MICRO METER



	(A)	(B)
RANGE	0-150	0-25mm
RESOLUTION	0.01mm	0.001mm
DIGITAL DISPLAY	LCD	LCD
BATTERY	SR44, 1PDC	SR44, 1PDC
AUTOMATIC POWER	off	off
WEIGHT	190g	270g/0.59 lbs

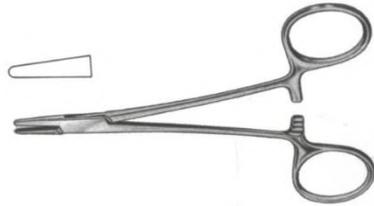
NEEDLE HOLDER



JD-S-18A Needle Holder
Length : 120mm, 140mm, 160mm
H-1202 / H-1203



JD-S-18B Needle Holder
Length : 120mm, 140mm, 160mm



JD-S-18C Needle Holder
Length : 110mm, 120mm



JD-S-18D Needle Holder
Length : 120mm, 140mm, 160mm
H-1204



JD-S-18E TC Needle Holder
Length : 140mm, 160mm
H-1212

NEEDLE HOLDER

MICRO CLAMP

JD-S-101MC MICRO CLAMP



Clamp	L×W(mm)	Vessel Diameter Range(mm)
B-1	3.5×1.0	0.4-1.0
B-2	5.5×1.5	0.6-1.5
B-3	7.5×1.75	1.0-2.25
HD-S	10×2.15	2.0×5.0

JD-S-101MCA APPLYING FORCEP



SIZE	14cm
WITH LOCK	NO : JD-S-101MCAL
WITHOUT LOCK	NO : JD-S-101MCA

MICRO CLAMP APPLICATOR

JD-S-101SA SPRING TYPE



SIZE	14cm
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JD-S-101FA FORCEP TYPE



SIZE	14cm
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JD-S-101MC MICRO CLAMP



No.	01	02	03	04
Jaw Length(mm)	10	8	6	4
Jaw Width(mm)	2	2	1	0.75
Total Length(mm)	19	16	15	13
Jaw Pressure(g)	60	85	100	125



No.	05	06
Jaw Length(mm)	6	4
Jaw Width(mm)	1	0.75
Total Length(mm)	17	16
Jaw Pressure(g)	100	125

MICRO CLAMP

{ 사용방법 및 사용상 주의사항 }

사용전

1. 보관중인 제품은 사용하기 위해서 청결상태 및 소독상태를 확인하여야 한다.
2. 소독복을 착용하지 않은 사람은 소독된 기구에 닿지 않도록 한다.
3. 사용전에 외관상 현저한 변형이나 크랙, 핀홀, 이물질 부착등을 확인하여야 한다.

사용중

1. 반드시 정해진 용도로만 사용하며, 이외의 용도로 무리하게 사용하지 않도록 한다.
2. 심한 충격이나 바닥에 떨어뜨렸을 경우, 즉시 제품에 손상 및 이물질 부착 여부를 확인하여 불결한 상태로 사용함을 방지하며, 다른 기구로 대체하여 사용한다.
3. 사용도중 부식이나 크랙, 핀홀등이 발견되었을 경우 즉시 사용을 중단하고 다른 기구로 대체하여 사용한다.

사용후

1. 제품은 사용 후 혈액이나 이물질이 말라붙는 것을 방지하거나 마른 혈액이나 찌꺼기를 제거하기 위해 먼저 깨끗한 비부식성 물에 담근 손이나 기계로 세척한다.
2. 세척하는 방법은 Manual Cleaning, Washer-Sterilizer, Ultrasonic Cleaning등을 이용하며 세척기는 제조회사의 사용방법을 정확히 숙지하고 사용한다.
3. 탈착장치가 있는 경우는 세척 후 살균시 통과할 수 있는 수용성 윤활제에 완전히 담긴 다음 흘러서 마르게 한다.
4. 제품은 세척 후 면밀히 검사되어야 한다.
5. 움직이는 부분은 윤활상태를 검사하고 작동상태를 시험한다.
6. 효과적인 소독을 위해 완전한 세척과 적절한 기능을 면밀히 확인하여야 한다.
7. 소독을 위한 포장방법은 사용하기 좋은 방법으로 트레이에 세트로 포장하거나 날개로 포장한다.
8. 소독할 때 포장하지 않는 경우는 사용전에 높은 압력의 소독기에서 준비된 트레이에 넣어 소독한다.
9. 소독하는 방법은 자비소독법(Boiling)과 고압증기소독법(Auto Clave)으로 하는 것이 좋으며 화학적 소독법으로는 기구에는 적절치 않으므로 사용하지 않는것이 좋다.
10. 소독시에 소독방법을 준수하고 설비는 제조회사의 사용방법을 철저히 숙지후 사용한다.
11. 소독과 건조를 위해서 서로 최소한의 접촉을 하도록 배분하여 트레이에 담구어야 한다.
12. 소독후 표면에 녹이 발생하지 않도록 적절한 온도, 습도가 유지될 수 있는 장소에 보관한다.
13. 흠집, 변형, 파손의 우려가 있으므로 무거운 물건을 위에 올려놓는 등 다른 기구와 겹쳐 지지 않도록 주의하여 보관한다.
14. 부식과 변색의 우려가 있는 약품들과 격리하여 보관한다.

{ 사용방법 및 사용상 주의사항 }

사용상 주의사항

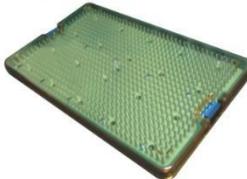
1. 기구위에 응결해서 매우 천천히 증발하는 물방울이 원인인(대개 물속에 포함된 매우 미세한 원소들이 원인) 가볍게 채색된 얼룩을 방지하기 위하여 수증기가 완전히 다 날아가 버릴때까지 오토크레이브 뚜껑을 열지 말것이며, 건조 과정동안 응결의 원인이 될지 모르는 개스킷 또는 밸브가 새는지를 체크할 것, 또한, 오토크레이브 제조업체의 지시사항을 엄중하게 따를것.
2. 만약 공급되는 물에 철분이 많이 포함되어 있다면 그 기구들 위에 묻은 원소 침전물을 녹으로 채색된 피막을 형성할 수 있으므로 병원, 엔지니어링, 전문가에게 귀하의 상수처리 문제의 평가수치를 의논할 것, 또한 연수제는 어떤 조건하에서 발생하지 모르는 녹으로 채색된 먼지 같은 피막의 원인이 될 수 있다.
3. 오토크레이브 소독시 흑자주빛 녹을 방지하기 위하여 증류수 또는 광물질을 포함하지 않은 물을 사용할 것.
4. 부식성 세척제 화학물질의 찌꺼기를 포함하고 있는 수술용아마포(Linens)을 덜 행구어 냈을 경우 부식의 원인이 되므로 수술용포의 빨래감이 충분히 행구어 졌는지를 체크할 것.
5. 교착후, 이빨, 고리들에 피가 묻어서 굳어졌을때 또한 부식의 원인이 되므로 세척하기에 앞서 모든 교착부를 완전히 열어줄 것.
6. 염분이 섞인 용액, 혈액, 염화칼슘 그리고 많은 다른 화학물체의 노출이 원인인 움푹패임 현상을 방지하기 위하여 가능한한 노출 즉시 증류수로 행구어낸다.
7. 칼슘염기를 포함한 세척제 또한 움푹패임 현상의 원인이 될 수 있으므로 가능한 사용을 피하며, P,H 범위 8.5이하의 세척제를 선택할 것.
8. 보관 및 사용시 문제가 발생하면 제조회사에 연락을 취하여 사후조치 및 재발방지를 강구한다.



Sterilization Tray

Sterilization Tray (수술도구 소독보관함)

S-1000(U.S.A)



S-1001(KOREA)



S-1002(KOREA 스텐레스)



Model	S-1000(U.S.A)	S-1001(KOREA)	S-1002(KOREA)
SIZE	260×160mm	280×220mm	280×220mm
MATERIAL	Body - Polysulfone	Body - Polysulfone	Body - Stainless
	Pad-Silicon	Pad-Silicon	Pad-Silicon

용도

1. 다목적 소독 및 소독보관함
2. 작고 정교한 수술용 기구소독 및 보관용
3. 수술시 이동이 간편하고 수술후 정밀 기구의 수집 및 보관 소독이 용이
4. 치과, 안과, 성형외과, 이비인후과, 정형외과 등에서 사용하는 고가의 정밀의료 기기 및 수술용 기구의 소독 및 보관, 수집이 용이한 소독보관함.

특징

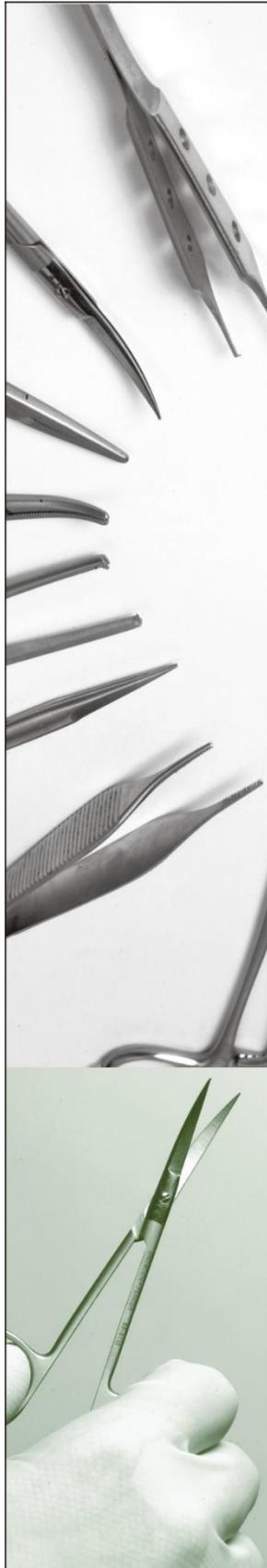
1. 특수플라스틱으로 운반시 떨어져도 파손 또는 마모되지 않는 특수 경질플라스틱 제품임.
2. 320F(160℃)상온에서 변형이 되거나 녹지 않음.
3. 특수 실리콘 MAT를 사용하므로써 정밀 기구의 마모 및 이도 오염을 방지함.

Dissecting Set S-2000 / 8 pcs



1. Probe blunt 13cm
2. Probesharp 13.5cm
3. Dressing forceps curved 14cm
4. Splinter forceps 13cm
5. Scalpel knife plain handle
6. Scalpel handle No.3
7. Dissecting scissors 11.5cm
8. Operating scissors 14cm

< 학생실습용 >



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FORCEPS



DRESSING FORCEPS
F-1001 14cm
F-1002 16cm
F-1003 18cm
F-1004 20cm
F-1005 25cm
F-1006 30cm



DRESSING FORCEPS
F-1011 14cm Curved
F-1012 16cm Curved



TISSUE FORCEPS
F-1022 15cm 1x2teeth
F-1023 18cm 1x2teeth
F-1024 25cm 1x2teeth



TISSUE FORCEPS
F-1022-1 15cm Curved
 [판매중지]



TISSUE FORCEPS
F-1025 15cm 2x3teeth



IRIS
F-1030 10cm Straight



IRIS
F-1031 10cm Curved



IRIS
F-1032 10cm Straight



IRIS
F-1033 10cm Curved



SPLITTER
F-1034 10cm Straight



SPLITTER
F-1035 10cm Curved

FORCEPS



ADSON / 12cm
F-1041 Serrated
F-1041M Micro



ADSON / 12cm
F-1042 1 x 2 teeth
F-1042M Micro



BROWN ADSON
F-1043 12cm



CUSHING / 18cm
F-1044 Serrated, Straight
F-1045 1 x 2teeth, Straight



SEMKEN
F-1046-12 Straight 12,5cm
F-1046-14 Straight 14cm
F-1047-12 Curved 12,5cm
F-1047-14 Curved 14cm



TAYLOR
F-1048S Straight 18cm
F-1048C Curved 18cm



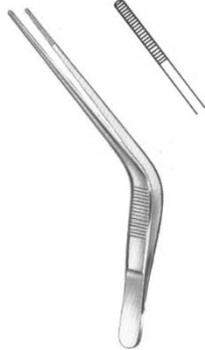
MERIAM
F-1049 16cm

FORCEPS



EAR DRESSING

- F-1050-14 14cm
- F-1050-16 16cm
- F-1050-18 18cm
- F-1050-20 20cm



WILD EAR DRESSING

- F-1051-12 12cm
- F-1051-16 16cm



RUSSIAN

- F-1052-15 15cm
- F-1052-20 20cm
- F-1052-25 25cm



DE BAKEY

- F-1053-16 16cm
- F-1053-20 20cm
- F-1053-24 24cm



CASTROVIEJO / 11cm

- F-1054 Serrated



CASTROVIEJO / 11cm

- F-1055-12 0,12mm
- F-1055-30 0,30mm
- F-1055-50 0,50mm



TC CASTROVIEJO MICRO / 10,5cm

- F-1056-03 0,3mm
- F-1056-05 0,5mm

FORCEPS



ELECTRONIC
JD-F-1061
 No.1 12cm



ELECTRONIC
JD-F-1062
 No.2 12cm



ELECTRONIC
JD-F-1063
 No.3 12cm



ELECTRONIC
JD-F-1064
 No.5 11,5cm



ELECTRONIC
JD-F-1065
 No.7 11,5cm



ELECTRONIC
JD-F-1066
 No.5 (Bent at 45°)
 10,9cm



ELECTRONIC
JD-F-1067
 No.5(Bent at90°)
 10,6cm



ELECTRONIC
JD-F-1068
 Extra Fine
 11cm



ELECTRONIC
JD-F-1069
 11,5cm



BISHOP-HARMAN
F-1070
 9cm 1 x2teeth
F-1070M
 9cm Micro



BISHOP-HARMAN
F-1071
 9cm Serrated

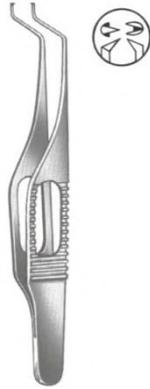


STEVEN
F-1072 10cm
 1x2 teeth

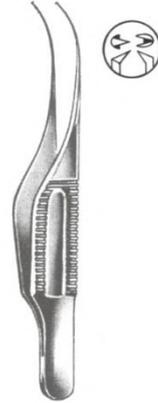
FORCEPS



HARMS-COLIBRI
| F-1073 7cm



GILL-HESS
| F-1074 7cm



GILL
| F-1075 7cm



MCPERSON
| F-1076 11cm 10mm



MCPERSON
| F-1077 11cm 5mm

FORCEPS



CAPSULAR HEXIS
F-1079 11cm Flat
 1x2 teeth



CAPSULAR HEXIS
F-1080 11cm Round
 1x2 teeth



BURATTO LASIK
F-1081 11cm



SHEPARD LENS
F-1082 10cm



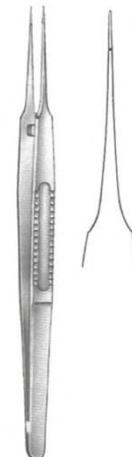
BARRAQUER CILIA
F-1083 7cm



BARRAQUER CILIA
F-1084-1 11cm Sharp
F-1084-2 11cm Blunt



BEAUPRE CILIA
F-1085 11cm



MICRO SUTURE TYING
F-1086 15,5cm
F-1087 18,5cm

FORCEPS



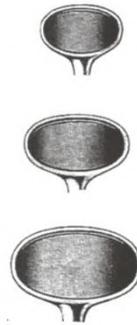
RING / 9cm
F-1090-3 φ 3
F-1090-6 φ 6
F-1090-8 φ 6x8



HUNT
F-1091 10cm 15mm



LAMBERT
F-1092 9cm 11mm



DESMARRES / 9cm
F-1093-1 13x20mm
F-1093-2 13x25mm
F-1093-3 17x30mm



VERKE PTOSIS
F-1094 10cm 20mm



JAMESON MUSCLE
F-1095 10,5cm Left
F-1096 10,5cm Right



SNELLEN ENTROPIUM
F-1097 10cm Left
F-1098 10cm Right



KUEHNE
F-1099 12cm Straight
F-1100 12cm Curved

SCISSORS



OPERATING

- S-1101-10 Straight 10cm
- S-1101-12 Straight 12cm
- S-1101-13 Straight 13cm
- S-1101-14 Straight 14cm
- S-1101-16 Straight 16cm
- S-1101-18 Straight 18cm



OPERATING

- S-1102-12 Straight 12cm
- S-1102-13 Straight 13cm
- S-1102-14 Straight 14cm
- S-1102-16 Straight 16cm
- S-1102-18 Straight 18cm



OPERATING

- S-1103-12 Straight 12cm
- S-1103-13 Straight 13cm
- S-1103-14 Straight 14cm
- S-1103-16 Straight 16cm
- S-1103-18 Straight 18cm



OPERATING

- S-1104-14 Curved 14cm
- S-1104-16 Curved 16cm
- S-1104-18 Curved 18cm



OPERATING

- S-1105-14 Curved 14cm
- S-1105-16 Curved 16cm
- S-1105-18 Curved 18cm



OPERATING

- S-1106-14 Curved 14cm
- S-1106-16 Curved 16cm
- S-1106-18 Curved 18cm



TC OPERATING

- S-1107-14 14cm

SCISSORS



IRIS
S-1107-10 Straight 10cm
S-1107-11 Straight 11cm



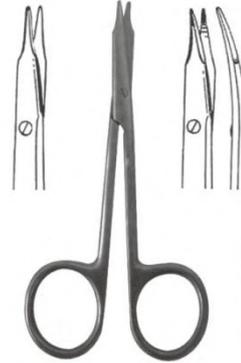
IRIS
S-1108-10 Curved 10cm
S-1108-11 Curved 11cm



TC IRIS / 11 cm
S-1109-S Straight
S-1109-C Curved



RIBBON / 10cm
S-1110-1 Curved Sharp
S-1110-2 Curved Blunt



TENOTOMY
S-1110-3 Straight Blunt
S-1110-4 Curved Sharp

SCISSORS



MAYO
 S-1111-14 Straight 14cm
 S-1111-17 Straight 17cm
 S-1111-23 Straight 23cm



MAYO
 S-1112-14 Curved 14cm
 S-1112-17 Curved 17cm
 S-1112-23 Curved 23cm



TC MAYO
 S-1113-14 Straight 14cm
 S-1113-17 Straight 17cm



TC MAYO
 S-1113-14C Curved 14cm
 S-1113-17C Curved 17cm



METZENBAUM / 10cm
 S-1114 Straight



METZENBAUM / 10cm
 S-1115 Curved



METZENBAUM
 S-1116-14 Straight 14cm
 S-1116-18 Straight 18cm
 S-1116-23 Straight 23cm



METZENBAUM
 S-1117-14 Curved 14cm
 S-1117-18 Curved 18cm
 S-1117-20 Curved 20.5cm
 S-1117-23 Curved 23cm

SCISSORS



TC KNAPP / 11.5cm
| S-1118 Straight



TC KNAPP / 11.5cm
| S-1119 Curved



TC METZENBAUM
| S-1120-14 14cm Blunt/Blunt Curved
| S-1120-18 18cm Blunt/Blunt Curved



TC METZENBAUM
| S-1121-14 14cm Sharp/Sharp Curved
| S-1121-18 18cm Sharp/Sharp Curved

SCISSORS



DOYEN / 18cm
 S-1122-S Straight
 S-1122-C Curved



SIMS UTERINE / 20cm
 S-1123-S Straight
 S-1123-C Curved



BRAUN EPISIOTOMY
 S-1124-14 14cm
 S-1124-18 18cm
 S-1124-21 21cm



UNIVERSAL
 S-1125 18cm



BANDAGE
 S-1126-14 14cm
 S-1126-18 18cm



SEUTIN PLASTER
 S-1127 23cm

SCISSORS



SPENCER
| S-1125-A 12cm



UNIVERSAL
| S-1126-A 12cm



USA MODEL
| S-1127-A 11cm



HEYMANN
| S-1128 17,5cm

SCISSORS



MICRO SPRING SCISSOR
Blade 2mm

MICRO SPRING SCISSOR
S-1133-S Straight
8cm Blade 5mm



MICRO SPRING SCISSOR
Blade 2,5mm

MICRO SPRING SCISSOR
S-1133-C Curved
8cm Blade 5mm



MICRO SPRING SCISSOR
Blade 3mm

MICRO SPRING SCISSOR
S-1133-A Angled to side
8cm Blade 5mm

S-1131-S
Straight 8cm

S-1131-C
Curved 8cm

S-1131-A
Angled to Side
8cm

S-1132-S
Straight 7,5cm

S-1132-C
Curved 7,5cm

SCISSORS



MICRO SPRING
S-1135 10cm
Blade 7mm



MICRO SPRING
S-1136-S Straight
S-1136-C Curved
14cm Blade 10mm



MICRO SPRING
S-1137 14cm
Blade 15mm



MICRO SPRING
S-1138 10cm
Blade 7mm Curved



MICRO SPRING
S-1139 10cm
Blade 7mm Angled



CASTROVIEJO
S-1140-10
10cm Curved
S-1140-12
12.5cm Curved



CASTROVIEJO
S-1141
10.5cm Curved
Round Type



WESTCOTT
S-1142-10
10cm Curved
S-1142-12
12.5cm Curved



WESTCOTT
S-1143
12.5cm
Straight

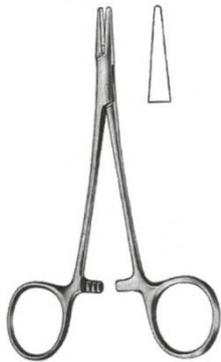


EYE MICRO / 18cm
S-1144-S Straight
S-1144-C Curved



MALIS 15cm
S-1145-S Straight
S-1145-C Curved

NEEDLE HOLDERS



HALSEY
H-1201-11 11cm
H-1201-12 12,7cm



HALSEY
H-1202 12,7cm



MAYO HEGAR
H-1203-14 14cm
H-1203-15 15cm
H-1203-18 18cm
H-1203-20 20cm
H-1203-24 24cm



COLLIER
H-1204 12,7cm

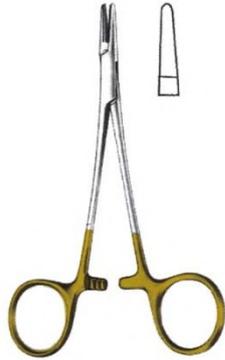


CRILEWOOD
H-1205-15 15cm
H-1205-18 18cm
H-1205-20 20cm



FINOCHIETTO
H-1206 19cm

NEEDLE HOLDERS



TC HALSEY
| H-1207 12,7cm



TC HALSEY
| H-1208 12,7cm



TC MAYO HEGAR
| S-1129-15 15cm
| S-1129-18 18cm
| S-1129-20 20cm



TO DE BAKEY
| S-1210-15 15cm
| S-1210-18 18cm

NEEDLE HOLDERS



OLSEN HEGAR
H-1211-14 14cm
H-1211-16 16,5cm
H-1211-18 18cm



TC OLSEN HEGAR
H-1212-14 14cm
H-1212-16 16cm
H-1212-18 18cm



MATHIEU
H-1220-16 16,5cm
H-1220-19 19cm



TC MATHIEU
H-1221 19cm

NEEDLE HOLDERS



TC CLASSIC MICRO
 | H-1222-12 12.7cm
 | H-1222-18 18cm



TC CASTROVIEJO
 | H-1223 13.5cm Curved

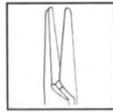


TC WIRE TWISTER
 | H-1224 18cm



TC WIRE TWISTER
 | H-1225-15 15cm
 | H-1225-20 20cm

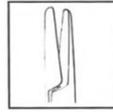
NEEDLE HOLDERS



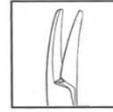
TROUT-BARRAQUER
H-1126-10 10cm Straight
H-1126-16 16cm Straight



TROUT-BARRAQUER
H-1127-10 10cm Curved
H-1127-13 13,5cm Curved
H-1127-16 16cm Curved
H-1127-18 18cm Curved

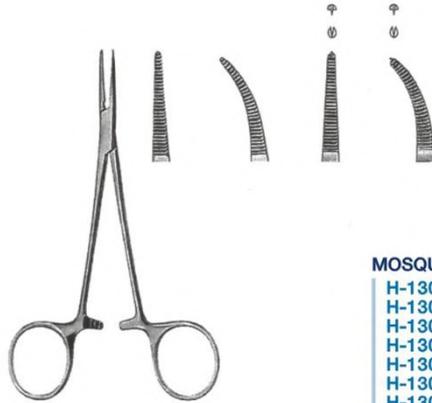


CASTROVIEJO
H-1228 13,5cm Straight



CASTROVIEJO
H-1229 13,5cm Curved

FORCEPS



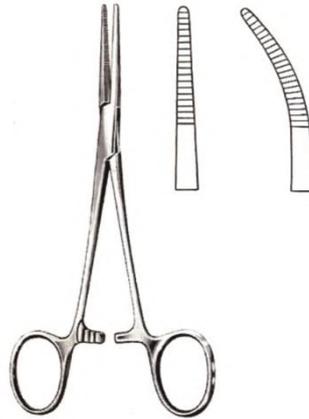
MOSQUITO

- H-1301 9,5cm Straight
- H-1302 9,5cm Curved
- H-1303 12,7cm Straight
- H-1304 12,7cm Curved
- H-1305 12,7cm Straight Micro
- H-1306 12,7cm Curved Micro
- H-1307 12,7cm 1x2teeth Straight
- H-1308 12,7cm 1x2teeth Curved



CRILE / 14cm

- H-1310-S Straight
- H-1310-C Curved



KELLY / 14cm

- H-1311-S Straight
- H-1311-C Curved

FORCEPS



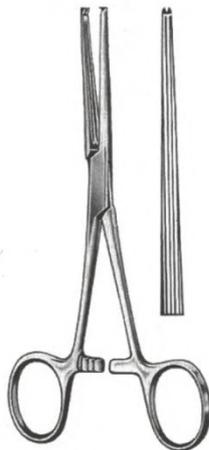
ROCHESTER PEAN

- | | |
|--------------------------------|------------------------------|
| H-1312-16 16cm Straight | H-1313-16 16cm Curved |
| H-1312-18 18cm Straight | H-1313-18 18cm Curved |
| H-1312-20 20cm Straight | H-1313-20 20cm Curved |
| H-1312-24 24cm Straight | H-1313-24 24cm Curved |



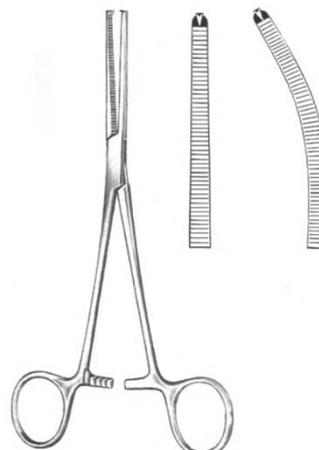
SCHNIDT

- | |
|---------------------------|
| H-1314 19cm Curved |
|---------------------------|



ALLEN

- | |
|--------------------|
| H-1315 20cm |
|--------------------|



KOCHER

- | | |
|--------------------------------|------------------------------|
| H-1316-14 14cm Straight | H-1317-14 14cm Curved |
| H-1316-16 16cm Straight | H-1317-18 18cm Curved |
| H-1316-18 18cm Straight | |
| H-1316-20 20cm Straight | |

FORCEPS

* 바닥에 놓았을때 옆으로 Curved된 형태임



DANDY
H-1320 14cm Curved



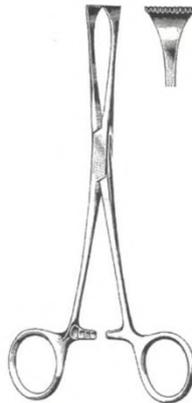
GALL DUCT
H-1321-18 18cm
H-1321-23 23cm



RIGHT ANGLE
H-1322-18 18cm
H-1322-23 23cm



ALLIS
H-1323-A 15cm 4 x 5teeth
H-1323-B 15cm 5 x 6teeth
H-1323-C 18cm 5 x 6teeth
H-1323-D 20cm 5 x 6teeth
H-1323-E 23cm 5 x 6teeth



ALLIS
H-1324 15cm 8 x 9teeth

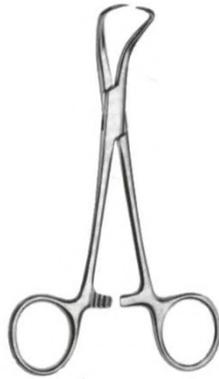


ALLIS
H-1325 18cm Curved



TONSIL
H-1326 23cm

FORCEPS



TOWEL
H-1330-9 9,5cm
H-1330-11 11cm
H-1330-13 13cm
H-1330-15 15cm



REDUCTION
H-1331 13cm



REDUCTION
H-1332 20cm



LEWIN
H-1333 18cm

FORCEPS



ADAIR TENACULUM
 | H-1334 18,5cm



BRAUN TENACULUM
 | H-1335 25cm

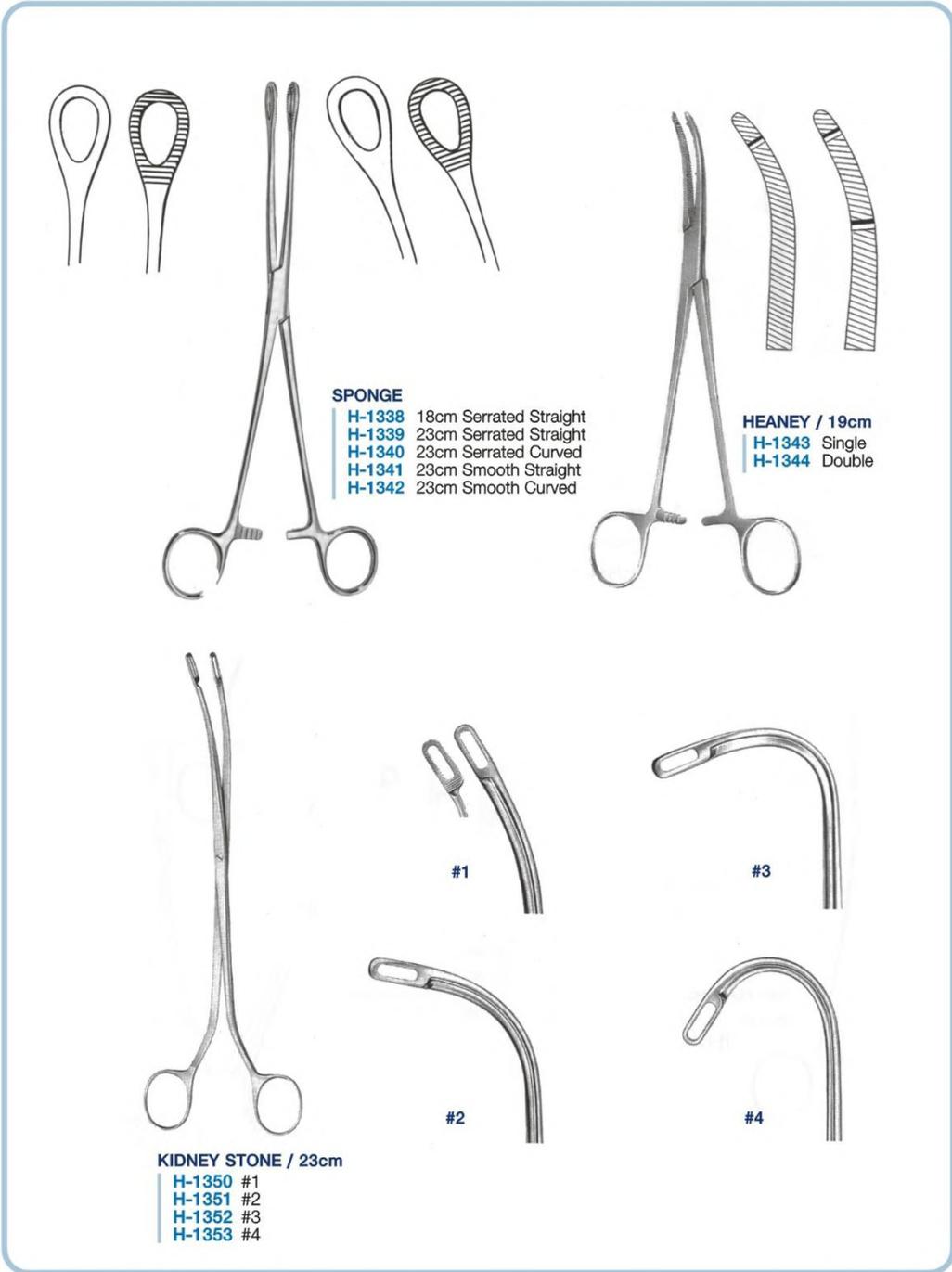


SCHROEDER
 | H-1336 25cm



STERILIZER
 | H-1337 20,3cm

FORCEPS



FORCEPS



MAGILL
H-1360-18 18cm Small
H-1360-20 20cm Medium
H-1360-25 25cm Large



TUBE CLAMPING
H-1361 20.3cm



PAYR PYLORUS
H-1362 21cm
H-1363 28cm

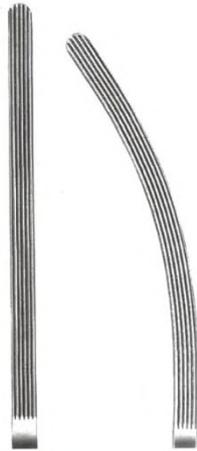


BABCOCK
H-1371 17cm
H-1372 20.5cm

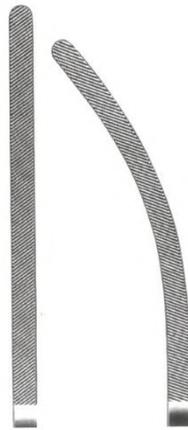


PENNINGTON
H-1373 14.5cm
H-1374 20cm

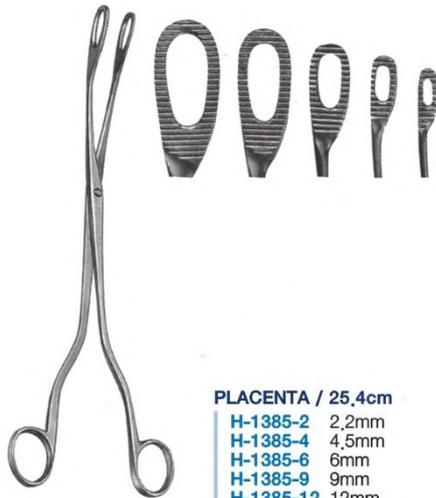
FORCEPS



DOYEN
H-1381 25cm Straight
H-1382 25cm Curved



DOYEN
H-1383 23cm Straight
H-1384 23cm Curved



PLACENTA / 25,4cm
H-1385-2 2,2mm
H-1385-4 4,5mm
H-1385-6 6mm
H-1385-9 9mm
H-1385-12 12mm
H-1385-15 15mm



KELLY PLACENTA
H-1386 30cm

FORCEPS



KERN-LANE

- H-1390-14 14cm
- H-1390-17 17cm
- H-1390-23 23cm
- H-1390-30 30cm
- H-1390-33 33cm



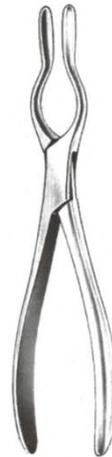
SELF RETAINING

- H-1391-18 18cm
- H-1391-23 23cm
- H-1391-25 25cm
- H-1391-27 27cm

FORCEPS



ASCH
| H-1392 23cm



WALSHAM / 23cm
| H-1393-S Straight
| H-1393-C Curved

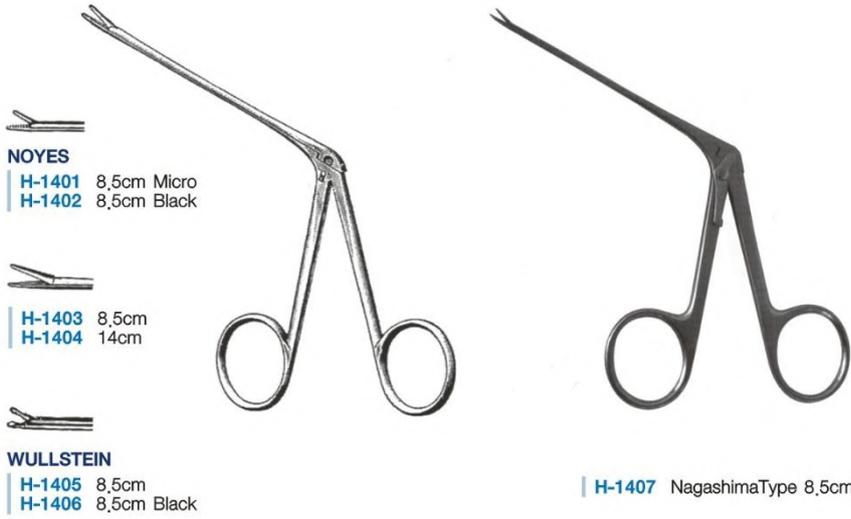


RANEY
| H-1394 16cm



YOUNG
| H-1395 17cm

FORCEPS



HARTMANN
 H-1408 12cm



KILLIAN
 H-1409 17cm

FORCEPS



MYLES
| H-1410 12cm



JANSEN MIDDLETON
| H-1411 19cm Punch Type



HARTMANN
| H-1412 12cm Round Type

FORCEPS



NOSE PLIER
| H-1420 15cm



WIRE CUTTING PLIER
| H-1421 16.5cm



WIRE TWISTER
| H-1423 14cm

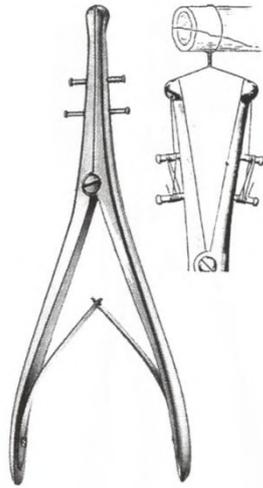


TC WIRE TWISTER
| H-1424 18cm

WIRE TIGHTNER



WIRE TIGHTNER



DEMEL
| H-1430 28cm



LOUTE
| H-1431 21cm

RETRACTORS

RETRACTORS

SHARP



| H-1501-2 2prong | H-1501-3 3prong | H-1501-4 4prong

BLUNT



| H-1502-2 2prong | H-1502-3 3prong | H-1502-4 4prong

VOLKMANN / 20cm
 | H-1501 1prong



SENN / 16cm

| H-1503 Sharp 2prong
 | H-1504 Sharp 3prong



| H-1505 Blunt 2prong
 | H-1506 Blunt 3prong



FINGER / 16cm

| H-1507 Sharp 2prong
 | H-1508 Sharp 3prong



FLEXIBLE / 16cm

| H-1509 Sharp 2prong
 | H-1510 Sharp 3prong

RETRACTORS



HERNIA
| H-1511 15cm



RAGNEL
| H-1512 15cm



CUSHING
| H-1513 23cm



FOMON
| H-1514 16cm



COTTLE
| H-1515 20cm



LOVE / 22cm
| H-1516 Straight
| H-1517 45°
| H-1518 90°

RETRACTORS

RETRACTORS



WEITLANER
 H-1601 13cm Sharp
 H-1602 16cm Sharp
 H-1601-1 10cm Sharp



WEITLANER
 H-1603 13cm Blunt
 H-1604 16cm Blunt
 H-1603-1 10cm Blunt



ADSON / 19cm
 H-1605-1 Blunt
 H-1605-2 Sharp



WALTON
 H-1606 10cm Sharp



AIM
 H-1607 10cm Sharp

RETRACTORS



JANSEN
| H-1608 11cm



GELPI
| H-1609 14cm
| H-1610 19cm



BECKMANN
| H-1611 30cm
| Sharp 4 x 4prong
| H-1612 33cm
| Blunt 7 x 7prong

RETRACTORS

RETRACTORS



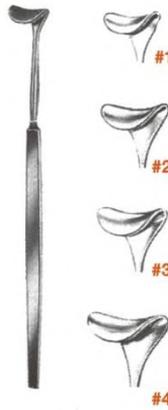
FRITCH
| H-1613 23cm 63 x 63mm



DOYEN
| H-1614 25cm 50 x 80mm



DOYEN
| H-1615 24cm 55 x 75mm



LID / 14cm
H-1619-1 #1 8mm
H-1619-2 #2 10mm
H-1619-3 #3 12mm
H-1619-4 #4 14mm



AUFRIGHT
| H-1620 16cm 45 x 6mm



AUFRIGHT
| H-1621 11cm 50 x 6mm

RETRACTORS



MEYERDING
H-1622 18cm 25 x 60mm



MEYERDING
H-1623 20cm 50 x 16mm
H-1624 22cm 75 x 25mm
H-1625 24cm 90 x 50mm



SAUERBRUCH
H-1626 22cm 44x 16mm Small
H-1627 23cm 63 x 23mm Medium
H-1628 23cm 73 x 19mm Large



HOHMANN
H-1629 24cm 2.5 x 18 x 36mm
H-1630 27cm 10 x 29 x 60mm

RETRACTORS

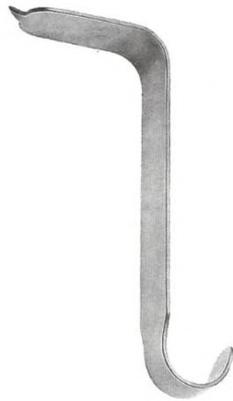
RETRACTORS



US-ARMY
| H-1631 21cm



RECHARDSON
| H-1632 23cm Small
| H-1633 28cm Large

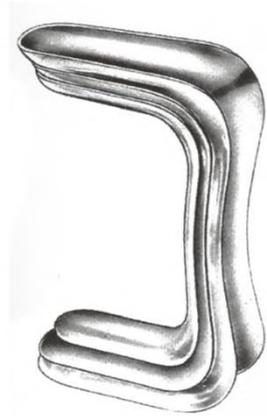


TAYLOR / 18cm
| H-1635 30 x 80mm Small
| H-1636 30 x 105mm Large



BENNET / 25cm
| H-1637 45 x 20mm Small
| H-1638 65 x 20mm Large

RETRACTORS



SIMS / 18cm

- H-1639-S** 25 x 63mm, 29 x 76mm Small
- H-1639-M** 32 x 76mm, 38 x 83mm Medium
- H-1639-L** 32 x 83mm, 38 x 102mm Large



JACKSON / 16cm

- H-1640-S** 80 x 40mm Small
- H-1640-M** 90 x 40mm Medium
- H-1640-L** 100 x 40mm Large



DEAVER

- H-1641** 18cm x 19mm
- H-1642** 21.5cm x 22mm
- H-1643** 23cm x 25mm
- H-1644** 30cm x 13mm

- H-1645** 30cm x 25mm
- H-1646** 30cm x 30mm
- H-1647** 30cm x 35mm
- H-1648** 33cm x 25mm

- H-1649** 36cm x 25mm
- H-1650** 30cm x 38mm
- H-1651** 30cm x 50mm
- H-1652** 30cm x 70mm

RETRACTORS

RETRACTORS



COLLIN
H-1655 Length 270mm
 Opening width 130mm
 Blade 63 x 55mm
 Center Blade 66 x 66mm



HAZZI
H-1656 Length 285mm
 Opening width 120mm
 Blade 88 x 63mm



BALFOUR
H-1657 Opening width 250mm
 Blade Large 70 x 33mm
 Blade Small 70 x 24mm
H-1658 Center Blade 80 x 50mm



KIRSCHNER
H-1659 255mm

RETRACTORS



BARR
H-1660 17cm 70 x 22mm



SUMIKOSHI'S
H-1661 18,5cm 67 x 19mm



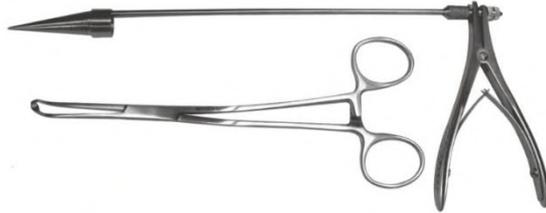
HILL-FERGUSON / 22cm
H-1662-S 58 x 24mm Small
H-1662-M 69 x 30mm Medium
H-1662-L 76 x 36mm Large



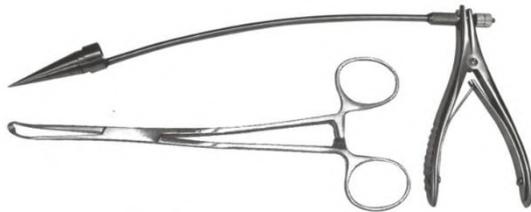
PARKS / 14cm
H-1663-S Blade Small 75 x 21mm
H-1663-M Blade Medium 95 x 20mm
H-1663-L Blade Large 97 x 22mm

HAEMORRHOIDAL LIGATORS

HAEMORRHOIDAL
LIGATORS



| H-1701 Straight



| H-1702 Curved



| H-1703 Universal Type



LIGATOR RING

| H-1704 20 pieces / case



| H-1705 Suction Type

SPECULUM



VAGINAL

H-1710-S Small
H-1710-M Medium
H-1710-L Large



SAKURAL

H-1711 Medium



AUVARD

H-1712 1,13kg



PRATT

H-1713 21,5cm



MATHIEU

H-1714 19,5cm

SPECULUM

SPECULUM



SIMS
| H-1722 15cm



SIMS
| H-1723 15cm



SIMS
| H-1724 20.5cm



CZERNEY
| H-1715 22cm



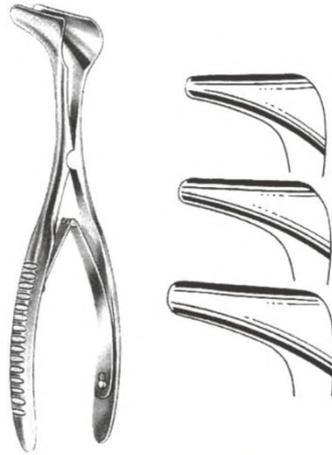
ANOSCOPE
| H-1730-S 16 x 65mm Small
| H-1730-M 19 x 65mm Medium
| H-1730-L 22 x 65mm Large



LIGHT ANOSCOPE
| H-1731 14cm 85 x 20mm

SPECULUM

SPECULUM



VIENNA / 12cm
 | H-1740 20mm
 | H-1741 25mm
 | H-1742 30mm



VIENNA
 | H-1743 12cm, 15mm



BECKMAN
 | H-1744 14cm, 25mm



BECKMAN
 | H-1745 12cm, 15mm

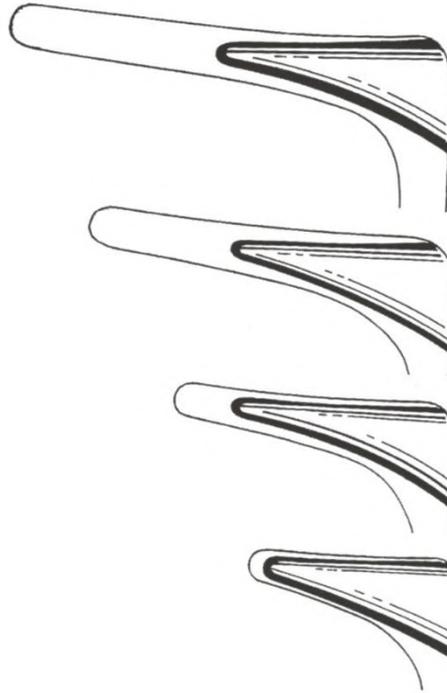
SPECULUM

SPECULUM



KILLIAN / 14cm

- H-1746-1 35mm
- H-1746-2 50mm
- H-1746-3 75mm
- H-1746-4 90mm



HARTMANN

H-1747 4pcs

- # 1 4,5mm
- # 2 5,5mm
- # 3 6,5mm
- # 4 7,5mm

SPECULUM

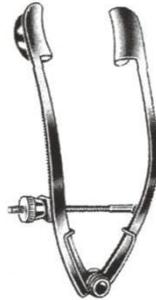
SPECULUM



BARRAQUER
 H-1750-S 5 x 9mm Small
 H-1750-M 6 x 10mm Medium
 H-1750-L 7 x 14mm Large



WILLIAM
 H-1752 8cm 15mm



LANCASTER
 H-1753 7.7cm 15mm



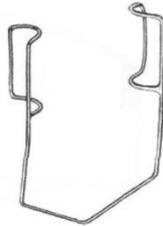
LISTER
 H-1754 7.5cm 13mm



COOK
 H-1751-1 3.5cm 8mm
 H-1751-2 4.5cm 12mm



KRATZ-BARRAQUER
 H-1755-1 10 x 10mm
 H-1755-2 14 x 22mm



KRATZ-BARRAQUER
 H-1756 15 x 22mm



LIBERMAN
 H-1757-1 6.8cm 12mm
 Round Type
 H-1757-2 9.5cm 14mm



LIBERMAN
 H-1758 6.8cm 12mm
 Round Type

SMALL RETRACTOR

CANNULAS

Slide Retractor with Blades



2 mm
4 mm

Maximum spread: 1cm
Atraumatic blades
2 cm
No. 17004-03

Mini-Goldstein



2 mm
4 mm

Maximum spread: 0,5 cm
3x3 Sharp teeth
2 cm
No. 17002-02

Mini-Colibri



3 mm
4 mm

Maximum spread: 1cm
2 cm
No. 17000-01

Slide Retractor with Teeth



2 mm
4 mm

Maximum spread: 1cm
2x2 Blunt teeth
2 cm
No. 17005-03

Goldstein



2.2 mm
4.5 mm

Maximum spread: 1,5 cm
3x3 Sharp teeth
3 cm
No. 17003-03

Golibri



4 mm
5 mm

Maximum spread: 1,5 cm
3 cm
No. 17000-03
4 cm
No. 17000-04

4 mm
5 mm

Maximum spread: 1,2 cm
3 cm
No. 17000-02

MOST POPULAR

CANNULAS



SIMCOE
| H-1760 18gauge



LACHRTMAL
| H-1761 23gauge



AIR INJECTION
| H-1762 27gauge

CUTTERS



HERCULES
| H-1801 37cm



HERCULES
| H-1802 47cm



WIRE CUTTER
| H-1803 24cm



PIN CUTTER
| H-1804 18,5cm



PIN CUTTER
| H-1805 22cm

CUTTERS

CUTTERS



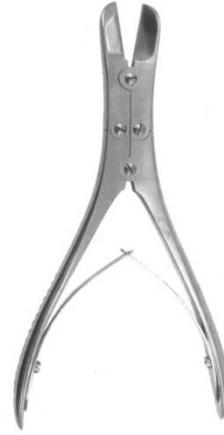
BONE
| H-1810 15,5cm



LISTON
| H-1806-10 10cm



LISTON
| H-1806-14 14cm
| H-1806-17 17cm
| H-1806-19 19cm



RUSKIN-LISTON
| H-1807 18,5cm



STILLE-LISTON / 27cm
| H-1808 Straight



STILLE-LISTON / 27cm
| H-1809 Curved

ELEVATORS



CUSHING
 | H-1901 19cm, 18mm



CUSHING
 | H-1902 19cm, 19mm



LANGENBECK
 | H-1903 20cm, 6mm



LANGENBECK
 | H-1904 20cm, 13mm



JOSEPH
 | H-1905 16cm



COTTLE
 | H-1906 19cm



FREER
 | H-1907 16cm
 | H-1908 19cm



COTTLE
 | H-1909 23cm

ELEVATORS

ELEVATORS



SPINAL / 28cm
| H-1910 10 x 19mm



SPINAL / 28cm
| H-1911 13 x 22mm



SPINAL / 28cm
| H-1912 19 x 32mm

SUCTION TUBES



POOLE / 22cm
 H-1920 10mm Straight
 H-1921 8mm Curved



YANKAUER
 H-1923 28cm



NOVAK
 H-1924 23,5cm



FRAZIER / 12cm
 H-1925 2mm
 H-1926 3mm



ENT / 18cm
 H-1927-8 8Fr
 H-1927-9 9Fr
 H-1927-10 10Fr
 H-1927-12 12Fr
 H-1927-14 14Fr
 H-1927-16 16Fr



UNIT AUDITIVE / 14,5cm
 H-1928-1 #1
 H-1928-2 #2
 H-1928-3 #3
 H-1928-4 #4

SUCTION TUBES

SUCTION TUBES



UTERINE SUCTION CONNECTOR
| H-1929 13cm

UTERINE SUCTION TUBE / 20cm
| H-1930-5 5mm
| H-1930-6 6mm
| H-1930-7 7mm
| H-1930-8 8mm
| H-1930-9 9mm
| H-1930-10 10mm

CURETTES



VOLKMANN / 16cm



BONE / 23cm

CURETTES

CURETTES



BONE / 20cm

H-1942-1
2-0 2,5 x 4mm

H-1942-2
1-0 3 x 5mm

H-1942-3
#1 3,5 x 6mm

H-1942-4
#2 4 x 7mm



MAYHOEFFER / 12cm

H-1943-1 0,5mm
H-1943-2 1,0mm
H-1943-3 1,5mm

H-1943-4 2,0mm
H-1943-5 2,5mm
H-1943-6 3,3mm



J,O,M,W. / 28cm

H-1944-1 4,5mm
H-1944-2 6,0mm
H-1944-3 7,5mm

H-1944-4 9,0mm
H-1944-5 12,0mm
H-1944-6 15,0mm

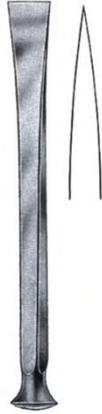


SIMS / 28cm

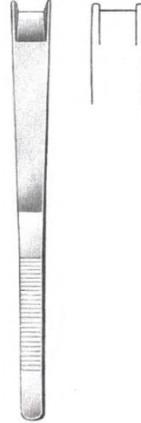
H-1945-1 2-0
H-1945-2 1-0
H-1945-3 #1

H-1945-4 #2
H-1945-5 #3
H-1945-6 #4

OSTEOTOMES



US ARMY
 | H-1950 16cm 6mm



CINELLI / 16,5cm
 | H-1951-1 5,5mm
 | H-1951-2 7,5mm
 | H-1951-3 9,5mm



SMITH-PETERSEN / 20cm Straight
 | H-1952-1 8mm
 | H-1952-2 10mm
 | H-1952-3 12mm
 | H-1952-4 14mm
 | H-1952-5 15mm
 | H-1952-6 20mm
 | H-1952-7 25,5mm
 | H-1952-8 32mm



SMITH-PETERSEN / 20cm Curved
 | H-1953-1 6,5mm
 | H-1953-2 10,0mm
 | H-1953-3 12,3mm
 | H-1953-4 16,0mm
 | H-1953-5 25,5mm
 | H-1953-6 32,0mm

GOUGES

GOUGES



US ARMY GOUGE
| H-1962 16cm 6mm



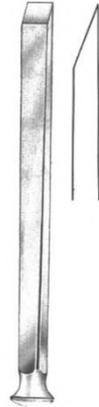
SMITH-PETERSEN / 20cm Straight
| H-1963-1 6mm
| H-1963-2 9mm
| H-1963-3 14mm
| H-1963-4 19mm



SMITH-PETERSEN / 20cm Curved
| H-1964-1 9mm
| H-1964-2 14mm
| H-1964-3 19mm

CHISELS

CHISELS
PUNCH



US ARMY CHISEL
 | H-1970 16cm 6mm



CHISEL / 19cm
 | H-1971-1 8mm
 | H-1971-2 10mm
 | H-1971-3 12mm
 | H-1971-4 14mm

PUNCH



BIOPSY
 | H-1980-1 18cm 5mm
 | H-1980-2 23cm 3mm

KEVORKIAN
 | H-1981 25cm 4mm



ENDOSCOPIC
 | H-1982 35cm 4mm

PUNCHES

PUNCHES



KEYES / 9,5cm
 H-1983-2 2mm
 H-1983-4 4mm
 H-1983-6 6mm
 H-1983-8 8mm



FOX / 13,3cm
 H-1984-2 2mm
 H-1984-3 3mm
 H-1984-4 4mm
 H-1984-5 5mm



SCHAMBERG
 H-1985 10cm



SAALFELD
 H-1986 10cm



SAALFELD
 H-1987 14cm



KATSCH
 H-1988 14cm

PROBES

PROBES



DOYEN
H-2001 16cm Straight



DOYEN
H-2002 14cm Curved



SILVER
H-2003 14cm



BOWMAN / 13cm
H-2004-1 000&0000
H-2004-2 0&00
H-2004-3 1&2
H-2004-4 3&4



BOWMAN / 13cm
H-2005-1 #2-0
H-2005-2 #1-0
H-2005-3 #1
H-2005-4 #2
H-2005-5 #3



UTERINE
H-2006 30,5cm

HOOKS

HOOKS



VASECTOMY
 | H-2010 18cm



ZYGOMA
 | H-2011 17cm



BONE / 23cm
 | H-2012-1 19mm Sharp
 | H-2012-2 27mm Sharp



BONE
 | H-2013 19MM Blunt



FRAZIER
 | H-2014-1 12,7cm
 | H-2014-2 18cm



FRAZIER
 | H-2015 12,7cm



DURA
 | H-2016 18,5cm



SPERMATIC
 | H-2017 16cm

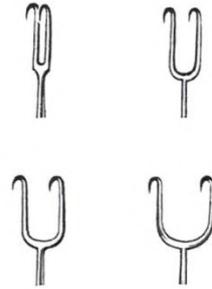
HOOKS



LAHAY
 | H-2018 12cm



GUTHRIE
 | H-2019 13cm



JOSEPH / 16cm
 | H-2020-2 2mm
 | H-2020-5 5mm
 | H-2020-7 7mm
 | H2020-10 10mm



JAMESON / 13cm
 | H-2021-S 10mm Small
 | H-2021-L 13mm Large



GRAEFE / 14cm
 | H-2022-S 8mm Small
 | H-2022-M 9mm Medium
 | H-2022-L 10mm Large

LOOPS

LOOPS



POINT PICK



RONGEURS



STELLBRINK / 14cm
 H-2040-1 14cm 1mm
 H-2040-2 14cm 1.5mm
 H-2040-3 14cm 2mm



FROST
 H-2041-1 15cm 3mm
 H-2041-2 18.5cm 4mm



MAYFIELD
 H-2042-1 14cm 3mm
 H-2042-2 17cm 4mm



RUSKIN
 H-2043-1 20cm 3mm
 H-2043-2 20cm 7mm
 H-2043-3 18.5cm 4mm



LUER / 23cm
 H-2044-4 4mm
 H-2044-8 8mm



ECHLIN / 23cm
 H-2045-2 2mm
 H-2045-3 3mm
 H-2045-4 4mm
 H-2045-5 8mm

RONGEURS

RONGEURS



LOVE-KERRISON / UP
 H-2046-1 15cm 3mm
 H-2046-2 20cm 3mm
 H-2046-3 19cm 2mm



LOVE-KERRISON / DOWN
 H-2047-1 15cm 3mm
 H-2047-2 20cm 3mm
 H-2047-3 19cm 2mm



LOVE-KERRISON / 40° UP
 H-2048-1 15cm 3mm
 H-2048-2 20cm 3mm
 H-2048-3 19cm 2mm



PITUITORY / STRAIGHT
 H-2049-1 12,7cm 3mm
 H-2049-2 18cm 2mm
 H-2049-3 18cm 3mm
 H-2049-4 18cm 5mm



PITUITORY / UP
 H-2050-1 12,7cm 3mm
 H-2050-2 18cm 3mm



PITUITORY / DOWN
 H-2051-1 12,7cm 3mm
 H-2051-2 18cm 3mm

CLAMPS



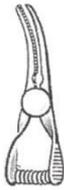
BULLDOG CLAMPS
 | H-2060-1 3,5cm Straight
 | H-2060-2 4,0cm Straight
 | H-2060-3 4,5cm Straight



BULLDOG CLAMPS
 | H-2061-1 3,5cm Curved
 | H-2061-2 4,0cm Curved
 | H-2061-3 4,5cm Curved



BULLDOG CLAMPS
 | H-2062 3,5cm Straight



BULLDOG CLAMPS
 | H-2063 3,5cm Curved



BULLDOG CLAMPS
 | H-2064 4,5cm Straight



BULLDOG CLAMPS
 | H-2065 4,5cm Curved



LOWMAN / 1prong
 | H-2070-1 12cm
 | H-2070-2 18cm
 | H-2070-3 20cm



LOWMAN / 2prong
 | H-2071-1 12cm
 | H-2071-2 18cm
 | H-2071-3 20cm

CLAMPS

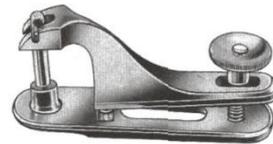
CLAMPS
SPREADERS



VASECTOMY CLAMP
| H-2072 14cm



VASECTOMY FORCEPS
| H-2073 12cm



GOMCO / Circumcision Clamps

H-2074-1	9mm
H-2074-2	11mm
H-2074-3	13mm
H-2074-4	15mm
H-2074-5	17mm
H-2074-6	19mm
H-2074-7	21mm
H-2074-8	25mm
H-2074-9	28mm
H-2074-10	30mm
H-2074-11	32mm

SPREADERS



HENNIG
| H-2080 28cm

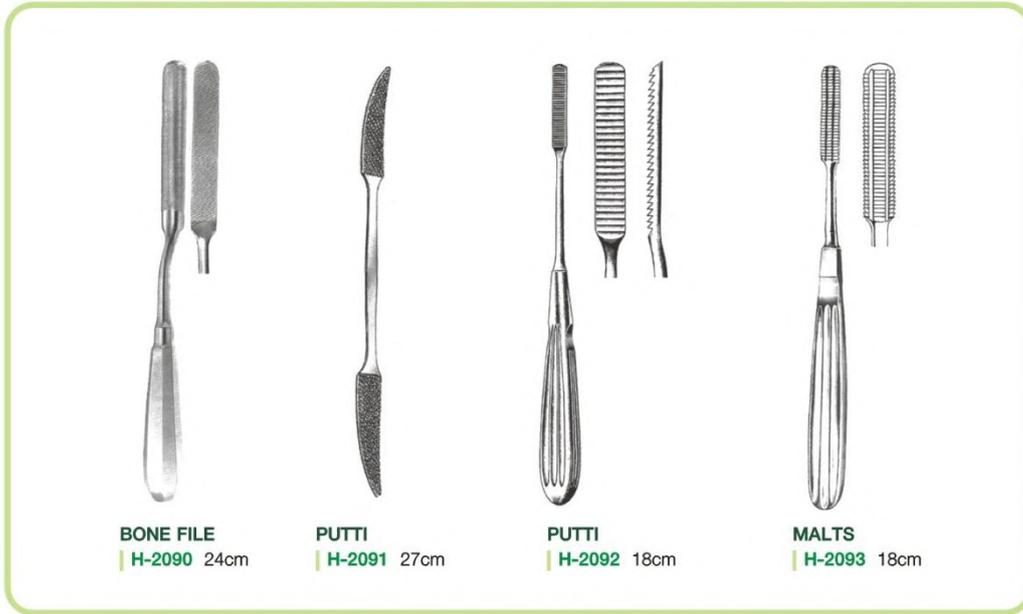


INGE / Lamina Spreader
| H-2081 24cm



BADGLEY
| H-2082 52 x 44 x 160mm

FILES



BONE FILE
| H-2090 24cm

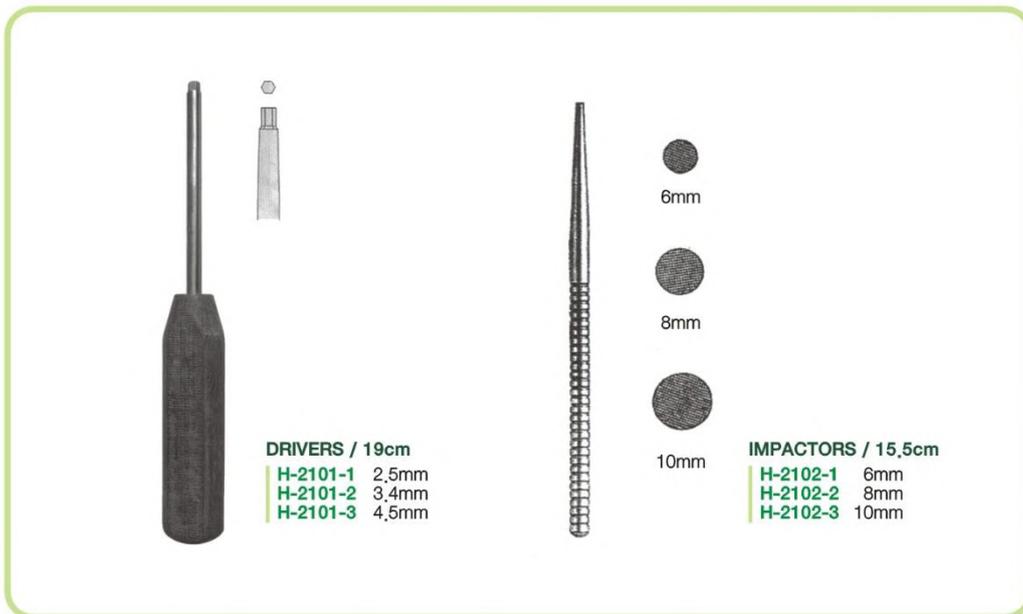
PUTTI
| H-2091 27cm

PUTTI
| H-2092 18cm

MALTS
| H-2093 18cm

FILES
DRIVERS & IMPACTORS

DRIVERS & IMPACTORS



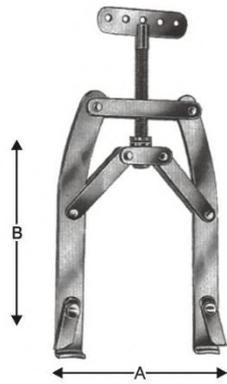
DRIVERS / 19cm
| H-2101-1 2,5mm
| H-2101-2 3,4mm
| H-2101-3 4,5mm

6mm
8mm
10mm

IMPACTORS / 15,5cm
| H-2102-1 6mm
| H-2102-2 8mm
| H-2102-3 10mm

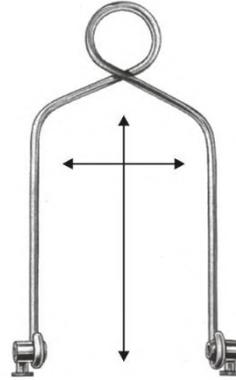
TRACTION BOWS

TRACTION BOWS
MALLETS



KIRSCHNER WIRE TRACTOR

	A	B
H-2110-1	100~130mm	100~130mm
H-2110-2	150~200mm	150~200mm



STEINMANN PIN HOLDER

H-2111-1	85mm x 120mm
H-2111-2	110mm x 170mm
H-2111-3	150mm x 230mm

MALLETS



H-2120 140g

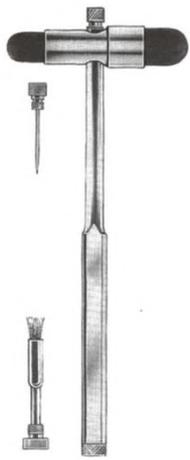


H-2121-1 165g
H-2121-2 220g



H-2122-1 500g
H-2122-2 700g
H-2122-3 1000g

DIAGNOSTIC



BUCK
H-2130 18cm



TAYLOR
H-2131 19cm



WARTENBERG
H-2132 19cm



CASTROVIEJO
H-2133 8,5cm



GONIOMETER
H-2134 36cm

DILATORS

DILATORS
SPATULAS



HEGAR

- H-2140-1 #1~13
- H-2140-2 #14~20



- H-2141-1 #1
- H-2141-2 #2
- H-2141-3 #3
- H-2141-4 #4
- H-2141-5 #5
- H-2141-6 #6
- H-2141-7 #7
- H-2141-8 #8
- H-2141-9 #9
- H-2141-10 #10
- H-2141-11 #11
- H-2141-12 #12
- H-2141-13 #13



CASTROVIEJO

- H-2142 14cm

SPATULAS



WECKER

- H-2150 13cm



CASTROVIEJO

- H-2151 13cm



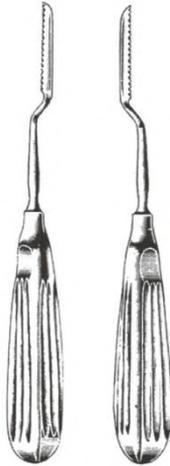
BRAIN SPATULA / 18cm

- H-2152-1 6mm
- H-2152-2 9mm
- H-2152-3 12mm
- H-2152-4 16mm
- H-2152-5 19mm
- H-2152-6 25mm

SAWS & GUIDE



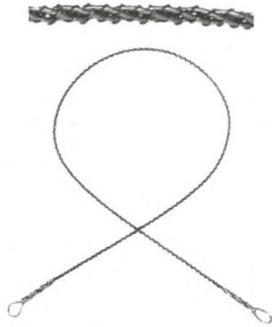
SATTERLEE
| H-2160 30cm



JOSEPH / 18cm
| H-2161 Left
| H-2162 Right



WIRE GUIDE
| H-2163 27cm Small
| H-2164 29cm Large



GIGLE / Saws
| H-2165 40cm



GIGLE / Saw Handle
| H-2166 6cm



GIGLE / Saw Guide
| H-2167 40cm

SAWS & GUIDE

SCALPELS & BLADE

SCALPELS & BLADE

SCALPELS



H-2201-3 #3



H-2201-4 #4



H-2201-7 #7



H-2201-3L #3 Long

BLADE



H-2202-10
No. 10



H-2202-11
No. 11



H-2202-12
No. 12



H-2202-12D
No. 12D



H-2202-13
No. 13



H-2202-15
No. 15



H-2202-15C
No. 15C



H-2202-18
No. 18



H-2202-19
No. 19



H-2202-20
No. 20



H-2202-21
No. 21



H-2202-22
No. 22



H-2202-23
No. 23

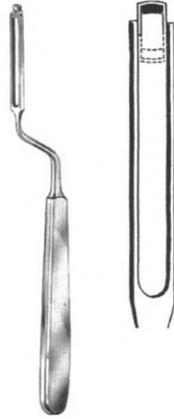


H-2202-24
No. 24

SCALPELS



JOSEPH
| H-2203 13cm



BALLENGER
| H-2204 20cm 3mm



LUCAE
| H-2205 18,5cm



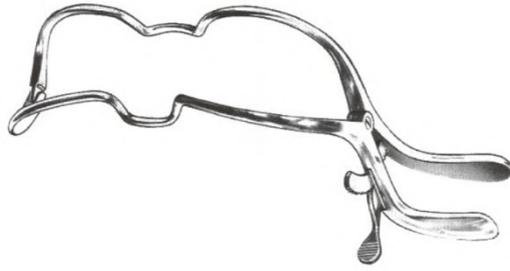
SKIN GRAPE SET
| H-2206 31cm

MLUTH GAGS

MLUTH GAGS
DENTAL INSTRUMENTS



MOUTH GAG
| H-2210 12cm



JENNINGS
| H-2211 15cm

DENTAL INSTRUMENTS



EXPLORER
| H-2220 16cm



SCALERS
| H-2221 17cm



DENTAL MIRROR
| H-2222 16,5cm



DENTAL SYRINGE
| H-2223 13,5cm

SURGICAL INSTRUMENTS



(주)정도비엔피



JAEGER
H-2230 10cm



WIEDER / Tongue Depressor
H-2231 17cm



BONE PLATE / BENDER
H-2232 18cm
H-2233 28cm



DEPTH GAUGE
H-2234 25cm
Depth Length 10cm

SURGICAL INSTRUMENTS

K-WIRE, S-PIN, DRILL

K-WIRE, S-PIN, DRILL



KIRSCHNER WIRE / 230mm

- H-2240**
- 0.8mm
 - 0.9mm
 - 1.0mm
 - 1.1mm
 - 1.2mm
 - 1.4mm
 - 1.6mm
 - 1.8mm

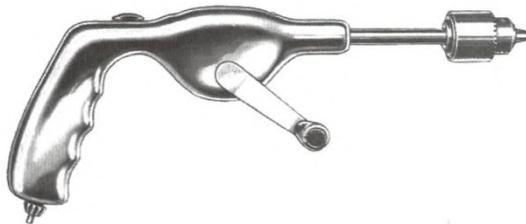
STEINMANN PIN / 230mm

- H-2241**
- 2.0mm
 - 2.4mm
 - 2.8mm
 - 3.0mm
 - 3.2mm
 - 3.5mm
 - 4.0mm
 - 4.5mm
 - 5.0mm



TWIST DRILL / 130mm

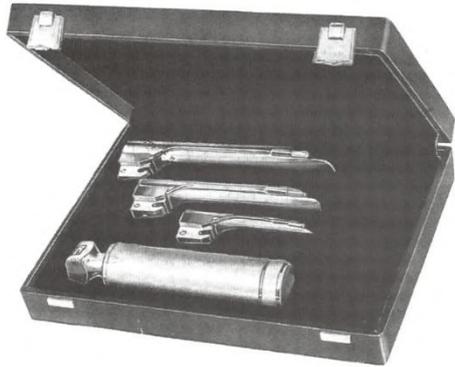
- H-2242**
- 2.0mm
 - 2.5mm
 - 2.7mm
 - 3.2mm
 - 3.5mm
 - 4.5mm



HAND DRILL / JO

- H-2243**

LARYNGOSCOPE



H-2250 2Blade (#0, 1)
H-2251 3Blade (#0, 1, 2)



BLADE

- H-2252-0 #0 75mm
- H-2252-1 #1 90mm
- H-2252-2 #2 110mm



FIBER OPTIC LARYNGOSCOPE SET
H-2253 3 Blade (#1, 2, 3)



HANDLE
H-2254 150mm

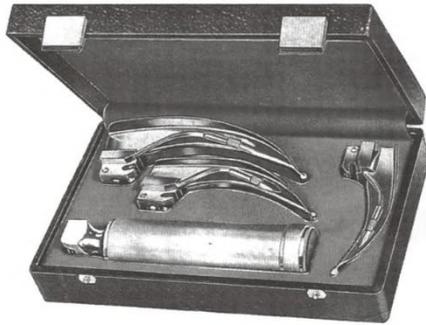


SPARE LAMP
H-2255

LARYNGOSCOPE

LARYNGOSCOPE

LARYNGOSCOPE

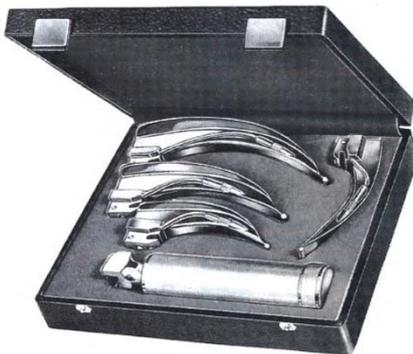


H-2255 3Blade (#1, 2, 3)
H-2255-L (#0)



BLADE

- H-2256-0 #0 75mm
- H-2256-1 #1 90mm
- H-2256-2 #2 110mm
- H-2256-3 #3 135mm
- H-2256-4 #4 150mm



H-2257 4Blade (#0, 1, 2, 3)



HANDLE

H-2258 140mm



SPARE LAMP
H-2258-B

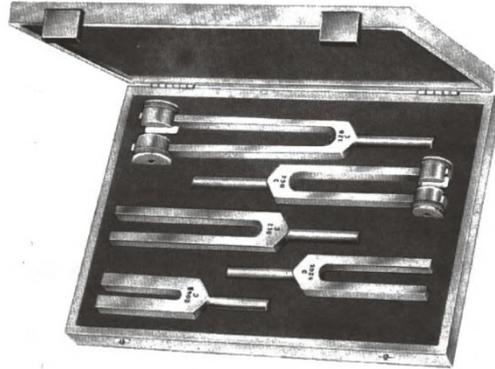


H-2259 MINI LARYNGOSCOPE

*Mouse, Rat용 후두경 : ϕ 5 x (L)200mm



TUNING FORK



TUNING FORK SET
H-2260



H-2260-1
C 2048



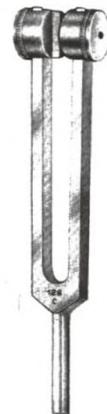
H-2260-2
C 1024



H-2260-3
C 512



H-2260-4
C 256



H-2260-5
C 128

TUNING FORK

OTOSCOPE & OPHTHALMOSCOPE

OTOSCOPE &
OPHTHALMOSCOPE



OTOSCOPE
| H-2270
| H-2271



OPHTHALMOSCOPE
| H-2272



OTO-OPHTHALMOSCOPE SET
| H-2273



OTOSCOPE
SPARE LAMP
| H-2274

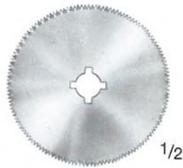


OPHTHALMOSCOPE
SPARE LAMP
| H-2275

CUTTER



BLADE



1/2

50 mm ϕ
65 mm ϕ



H-3000
GIBBS CUTTER

CUTTER
BONE CUTTER

ELECTRIC DISSECTOR - 전동해부톱

H-4000A



H-4001A



BD141 BD143 BD140 BD142



64mm 76mm 51mm 64mm

BD101 BD108 BD104 BD105



일반(63.5mm) 소형(44.5mm) 원형(63.5mm) 척추용(98.5mm)

TRAY



개부 받드 / Instrument Tray

T-1080	230 × 130 × 45mm	8절
T-1070	260 × 170 × 50mm	7절
T-1060	320 × 200 × 55mm	6절
T-1040	370 × 270 × 75mm	4절



드레싱 받드 / Dressing Package Tray

T-1089	230 × 130 × 35mm
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드레싱 받드 / Dressing Package Tray

T-1090	240 × 150 × 30mm
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주사기 받드 / Instrument Tray

T-1016	220 × 80 × 35mm
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TRAY



카테타 받드
Catheter Tray (with strap handle lid)

- T-1018 300 × 90 × 50mm 소
- T-1017 450 × 120 × 60mm 대



평개부 받드
Instrument Tray (with recessed handle lid)

- T-1088 230 × 130 × 45mm 8절
- T-1077 260 × 170 × 50mm 7절 생산중지
- T-1066 320 × 200 × 55mm 6절



미식평개부 받드
Instrument Tray (with recessed handle lid)

- T-1401 175 × 110 × 65mm 1호
- T-1402 175 × 110 × 102mm 2호
- T-1403 173 × 160 × 65mm 3호
- T-1404 173 × 160 × 102mm 4호
- T-1405 173 × 160 × 153mm 5호
- T-1406 262 × 162 × 65mm 6호
- T-1407 262 × 162 × 102mm 7호
- T-1408 262 × 162 × 153mm 8호
- T-1409 321 × 175 × 65mm 9호
- T-1410 321 × 175 × 102mm 10호
- T-1411 321 × 175 × 153mm 11호
- T-1412 321 × 262 × 65mm 12호
- T-1413 321 × 262 × 102mm 13호
- T-1414 321 × 262 × 153mm 14호
- T-1415 350 × 322 × 65mm 15호
- T-1416 350 × 322 × 102mm 16호
- T-1417 350 × 322 × 153mm 17호
- T-1418 527 × 324 × 65mm 18호
- T-1419 527 × 324 × 102mm 19호
- T-1420 527 × 324 × 153mm 20호

TRAY

TRAY



개무 받드 / Instrument Tray (without lid)

T-1180	215 × 175 × 25mm	8절
T-1170	250 × 200 × 40mm	7절
T-1160	280 × 200 × 50mm	6절
T-1140	360 × 320 × 60mm	4절
T-1120	530 × 430 × 80mm	반절



미식 받드 / Instrument Tray (without lid)

T-1201	230 × 130 × 45mm	1호
T-1202	260 × 170 × 50mm	2호
T-1203	320 × 200 × 50mm	3호
T-1204	415 × 250 × 65mm	4호
T-1205	510 × 325 × 65mm	5호



개무 받드 / Instrument Tray (without lid)

T-1206	300 × 250 × 50mm	1호
T-1207	350 × 300 × 50mm	2호
T-1208	400 × 300 × 50mm	3호
T-1209	450 × 350 × 50mm	4호



**미식소독 받드 /
Perforated Sterilization Tray**

T-1501	230 × 130 × 45mm	1호
T-1502	260 × 170 × 50mm	2호
T-1503	320 × 200 × 50mm	3호
T-1504	415 × 250 × 65mm	4호
T-1505	510 × 325 × 65mm	5호

TRAY



일식소독 받드 /
Perforated Sterilization Tray

T-1506 280 × 220 × 50mm 6절
T-1507 360 × 320 × 60mm 4절



소독 받드(전체타공) /
Perforated Sterilization Tray

T-1508 321 × 262 × 65mm 1호
T-1509 321 × 262 × 102mm 2호
T-1510 321 × 262 × 153mm 3호
T-1511 527 × 324 × 65mm 4호
T-1512 527 × 324 × 102mm 5호
T-1513 527 × 324 × 153mm 6호



소독기용 바스켓 /
Sus Wire Basket Tray

T-1521 560 × 410 × 130mm
T-1522 560 × 410 × 190mm



소독기용 바스켓(전체타공) /
Sus Instrument Tray

T-1523 550 × 400 × 150mm

TRAY / JAR



호로 받드(범람 받드) /
Enamel Coating Tray

T-1280	210 × 170 × 30mm	8절
T-1260	280 × 220 × 50mm	6절
T-1240	360 × 320 × 60mm	4절
T-1220	530 × 430 × 80mm	반절



메이요 받드 (수술기구 받드) /
Mayo Tray

T-1605	480 × 320 × 18mm
T-1130	550 × 450 × 30mm

약 받드 / Medicine Tray

T-1601	350 × 255 × 16mm
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기구 받드 /
Instrument Tray (Shallow Type)

T-1701	335 × 285 × 18mm	1호
T-1702	370 × 300 × 18mm	2호
T-1703	400 × 330 × 18mm	3호
T-1704	480 × 400 × 18mm	4호
T-1705	475 × 350 × 18mm	5호 생산중지



스폰지캔 /
Needle or Dressing Jar

T-3010	φ 75 × 60mm	1호
T-301W	φ 90 × 50mm	2호

JAR / DRUM / BOWL



스폰지캔 / Dressing Jar

T-3020	φ 85 × 90mm	2호
T-3030	φ 115 × 120mm	3호
T-3040	φ 140 × 140mm	4호
T-3050	φ 170 × 170mm	5호



초자캔 / Glass Jar

T-3201	φ 90 × 110mm	소
T-3202	φ 145 × 150mm	대 - 생산중지



소독캔 / Sterilizing Drum

T-3150	φ 150 × 90mm	소
T-3160	φ 180 × 115mm	중
T-3180	φ 250 × 150mm	대
T-3190	φ 270 × 150mm	특대



종지 / Sponge Bowl

T-3011	φ 45 × 25mm	1호
T-3022	φ 55 × 30mm	2호
T-3033	φ 70 × 35mm	3호
T-3044	φ 80 × 40mm	4호
T-3055	φ 90 × 45mm	5호
T-3066	φ 105 × 50mm	6호
T-3077	φ 125 × 55mm	7호
T-3088	φ 145 × 60mm	8호
T-3099	φ 165 × 70mm	9호

JAR / DRUM / BOWL

JAR / BASIN / BOWL

JAR / BASIN / BOWL



핀셋통 / Forcep Jar

T-3210	φ 55 × 110mm	소
T-3220	φ 55 × 130mm	중
T-3240	φ 55 × 160mm	대
T-324L	φ 76 × 200mm	특대A
T-324B	φ 100 × 180mm	특대B



능 반 / Emesis Basin

T-3320	소	200mm
T-3340	대	250mm
T-3360	특대	300mm



능 반 / Emesis Basin(Shallow Type)

T-3321	소	200mm
T-3341	대	250mm
T-3361	특대	300mm



용해반 / Solution Bowl

T-4473	1호	φ 305 × 105mm
T-4474	2호	φ 310 × 110mm
T-4475	3호	φ 345 × 115mm
T-4476	4호	φ 370 × 120mm

BASIN / CAN



세면기 / Wash Basin
| T-4470 ϕ 350 × 110mm



스텐대변기 / Bedpan (stainless)
| T-5121



관장통(스텐) / Enema Can
| T-5120 ϕ 120 × 170mm



손솔통 / Brush Dispenser
| T-5125

STAINLESS STEEL

STAINLESS STEEL



철부목 / Wire Sprint

- T-5420 560 × 85mm 소
- T-5430 800 × 115mm 중
- T-5440 1000 × 120mm 대



스텐면봉 / Stainless Steel

- T-5601



설압자 / Stainless Steel

- T-5602



깔대기 / Stainless Steel

- T-5603 ϕ 150 소
- T-5604 ϕ 200 중
- T-5605 ϕ 250 대

CART



드레싱카 / Dressing Cart

- T-4011 500 × 400 × 850mm
- T-4012 600 × 430 × 850mm
- T-4013 900 × 430 × 850mm



드레싱카 / Dressing Cart

- T-401S 650 × 450 × 900mm
- T-401M 750 × 450 × 900mm
- T-401L 950 × 450 × 900mm



드레싱카 / Dressing Cart

- T-4014 600 × 430 × 900mm
- T-4015 930 × 430 × 900mm

CART

CART



드레싱카(핸들형) / Dressing Cart

- T-4223 650 × 450 × 900mm
- T-4224 750 × 450 × 900mm
- T-4225 950 × 450 × 900mm



드레싱카(핸들형) / Dressing Cart

- T-4226 650 × 450 × 900mm
- T-4227 750 × 450 × 900mm
- T-4228 950 × 450 × 900mm



*** 생산중지**

드레싱카 / Dressing Cart (조립식)

- T-4211 600 × 430 × 900mm

Color Plate



CART



드레싱카 / Dressing Cart (조립식)

T-4212 600 × 430 × 850mm
T-4213 930 × 430 × 850mm



드레싱카(핸들형) / Dressing Cart

T-4219 750 × 450 × 950mm
T-4220 950 × 450 × 950mm



드레싱카(핸들형) / Dressing Cart

T-4221 750 × 450 × 950mm
T-4222 950 × 450 × 950mm

CART

CART



바스켓형 카트 / Instrument Cart

T-4217 700 × 450 × 950mm 상단바스켓
※ Basket 및 Plate 위치는 선택사양 ※



바스켓형 카트 / Instrument Cart

T-4218 700 × 450 × 950mm 상단바스켓



회진용 카트 / Treatment Cart

T-421S 550 × 450 × 900mm
T-421M 650 × 450 × 900mm
T-421L 750 × 450 × 900mm

CART



회진용 카트 / Treatment Cart
T-42HS 550 × 450 × 950mm
T-42HM 650 × 450 × 950mm
T-42HL 750 × 450 × 950mm



회진용 카트 / Treatment Cart
T-4215 750 × 450 × 900mm



회진용 카트 / Treatment Cart
T-422S 750 × 450 × 850mm
T-422M 850 × 450 × 850mm
T-422L 950 × 450 × 850mm

CART

CART



회진용 카트 / Treatment Cart
T-4216 650 × 450 × 1,000mm



회진용 카트 / Treatment Cart
T-423S 550 × 450 × 950mm
T-423M 650 × 450 × 950mm
T-423L 750 × 450 × 950mm



회진용 카트 / Treatment Cart
T-4239 750 × 450 × 950mm

TABLE



수술준비대 / Instrument Table(청형)

- T-4253 1300 × 500 × 900mm
- T-4254 1600 × 500 × 900mm



수술준비대 / Instrument Table(검형)

- T-4255 900 × 500 × 900mm
- T-4256 1200 × 500 × 900mm



수술준비대 / Instrument Table(Round형)

- T-4250 1200 × 500 × 900mm 소
- T-4251 1600 × 500 × 900mm 중
- T-4252 1900 × 500 × 900mm 대

CART



다용도 카트 Utility Cart

- T-4021 650 × 450 × 900mm
- T-4022 750 × 450 × 900mm
- T-4023 850 × 450 × 900mm



다용도 카트 Utility Cart

- T-4024 750 × 450 × 900mm
- T-4025 850 × 450 × 900mm
- T-4026 950 × 450 × 900mm



다용도 카트 Utility Cart

- T-4027 750 × 450 × 900mm
- T-4028 850 × 450 × 900mm

CART



다용도 카트 Utility Cart

- T-4029 650 × 450 × 950mm
- T-4030 750 × 450 × 950mm
- T-4031 850 × 450 × 950mm



다용도 카트 Utility Cart

- T-4032 750 × 450 × 950mm
- T-4033 850 × 450 × 950mm



다용도 카트 Utility Cart

- T-4035 650 × 450 × 950mm
- T-4036 750 × 450 × 950mm
- T-4037 850 × 450 × 950mm

CHART PLATE / CART



T-4311

T-4310

T-4313

차트판 / Chart Plate

- T-4311 일면 아크릴, 알루미늄
- T-4310 ABS사출제품
- T-4313 일면 아크릴, 알루미늄, 책장식
- T-4312 양면 알루미늄



T-4403

T-4401

산소운반카 / Oxygen Tank Cart

- T-4403 스텐 40kg
- T-4401 철제 40kg



T-4402

T-4404

T-4405

핸들형(Handle Type)

산소운반카 / Oxygen Tank Cart

- T-4402 스텐 20kg
- T-4404 10kg/5kg용
- T-4405 10kg/5kg용

CART



T-4410



T-4411

세탁물 운반카 / Hamper Cart

T-4410	Φ 600 × 850mm
T-4411	600 × 600 × 850mm
T-4412	900 × 600 × 850mm
T-4413	1000 × 450 × 850mm



T-4412



T-4413



(주)정도바이오플라

SCREEN



T-4420

스크린(스텐) / Screen

- T-4420 900 × 400 × 1800mm 1단
- T-4421 1800 × 400 × 1800mm 2단
- T-4422 2700 × 400 × 1800mm 3단

SCREEN



T-4421



T-4422

SCREEN



T-4423

스크린(알루미늄) / Screen

T-4423	900 × 400 × 1800mm	1단
T-4424	1800 × 400 × 1800mm	2단
T-4425	2700 × 400 × 1800mm	3단



T-4424



T-4425

DRYING STAND

DRYING STAND



장갑건조대 / Rack Drying Glove Stand

- T-4428 20쪽 600 × 400 × 1500mm
- T-4429 30쪽 800 × 400 × 1500mm
- T-4430 50쪽 1200 × 400 × 1500mm



초자건조대 / Rack Drying Glass Cart

- T-4431 950 × 520 × 900mm 타공선반
※ 바스켓 별도 ※

CART



T-4450

T-4449

화물운반용카트 / Truck Cart
T-4449 철제 900 × 600 × 900mm
T-4450 스텐 900 × 600 × 900mm



킥버킷 / Kick Bucket
T-5122 ϕ 350 × 350mm



이동식휴지통 / Dust Box Cart
T-5126 ϕ 500 × 800mm(75 ℓ)
* 55 ℓ , 110 ℓ
판매가능

STOOL

STOOL



실험실 의자 (유압식, 이동형) / Stool

φ 350 × H(480-650)mm
T-4462A-BL 블랙
T-4462A-BR 브라운



실험실 의자 (유압식, 이동형, 등받이)/Stool

φ 350 × H(480-650)mm
T-4462C-BL 블랙
T-4462C-BR 브라운



실험실 의자 (유압식, 고정형) / Stool

T-4462 φ 350 × H(450-600)mm 고정형
* 색상 : 블랙, 브라운

STOOL



수술실의자(스텐, 회전식) / Operating Stool

T-4463 ϕ 350 × H(500-750)mm 이동형

T-4464 ϕ 350 × H(500-750)mm 고정형

T-4463

T-4464

WASH BASIN STAND



세면대 / Wash Basin Stand

T-4471 350 × 350 × 850mm 단구



세면대 / Wash Basin Stand

T-4472 700 × 350 × 850mm 쌍구

STOOL
WASH BASIN STAND

MAYO STAND



메이오 스탠드 / Mayo Stand
| T-3302 480 × 320 × H(800~1300)mm

MAYO STAND



메이오 스탠드 / Mayo Stand
| T-3303 480 × 320 × H(800~1300)mm 주물형

MAYO STAND



메이요 스탠드 / Mayo Stand
| T-3304 480 × 320 × H(800~1300)mm

I.V POLE STAND



링겔대 / I.V Pole Stand
| T-3501 바퀴무

MAYO STAND
I.V POLE STAND

MAYO STAND



메이오 스탠드 / Mayo Stand(Special Size)
| T-3305 600 × 400 × H(800~1300)mm

MAYO STAND



메이오 스탠드 / Mayo Stand(Special Size)
| T-3306 800 × 500 × H(800~1300)mm

I.V POLE STAND



링겔대 / I.V Pole Stand
| T-3503 3caster



링겔대 / I.V Pole Stand
| T-3504 4caster

I.V POLE STAND

I.V POLE STAND

I.V POLE STAND



링겔대 / I.V Pole Stand
T-3507 5caster H:1300~2200 이동형



링겔대 / I.V Pole Stand
T-3505 5caster H:1300~2200 이동형
T-3506 5caster H:1300~2200 고정형

BASKET CART



바스켓 카트 SusWire Basket Cart

| T-4101 650 × 500 × 900mm



바스켓 카트 SusWire Basket Cart

| T-4102 650 × 500 × 900mm



바스켓 카트 SusWire Basket Cart

| T-4103 650 × 500 × 900mm

BASKET CART

FOOT STOOL



발판 Foot Stool(Stainless Steel)

- T-2843 (고정형) 430×300×800mm
- T-2844 (이동형) 430×300×800mm



발판 Foot Stool(Stainless)

- T-2845 430×320×(250~500)mm
1단, 2단 겸용



발판 Foot Stool(Aluminum)

- T-2830 430×320×120mm
- T-2831 430×320×180mm
- T-2832 430×320×250mm
- T-2833 430×320×500mm

FOOT STOOL



발판 / Foot Stool(Steel)

T-2820 430 x 300 x 250mm 1단
T-2840 430 x 500 x 500mm 2단



발판 / Foot Stool(Stainless)

T-2818 430 x 300 x 120mm 1단
T-2819 430 x 300 x 180mm 1단
T-2821 430 x 300 x 250mm 1단



발판 / Foot Stool(Stainless)

T-2841 430 x 500 x 500mm 2단
T-2842 700 x 500 x 500mm 2단

FOOT STOOL

PLASTIC CART



플라스틱 다용도 카트
| T-YDS-106 745×475×825mm



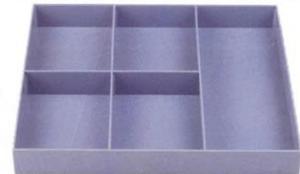
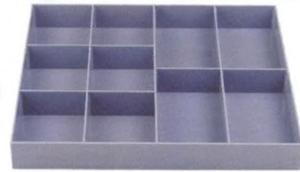
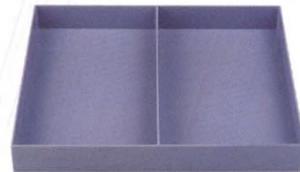
플라스틱 다용도 카트
| T-YDS-106L 745×475×825mm

PLASTIC CART

EMERGENCY CART



응급처치용 카트 / Emergency Cart(Stainless)
| T-9119 700 x (550+250) x 1000mm



응급처치용 카트 / Emergency Cart(Steel)
| T-9120 700 x (550+250) x 1000mm

EMERGENCY CART

EMERGENCY CART



응급처치용 카트 / Emergency Cart(Steel)
| T-9121 650 x 500 x 970mm



응급처치용 카트 / Emergency Cart(Steel)
| T-9122 650 x 500 x 970mm

EMERGENCY CART



응급처치용 카트 / Emergency Cart(Stainless)
| T-9123 600 x 500 x 970mm

ANESTHESIA CART



마취카 / Anesthesia Cart(Steel)
| T-9124 900 x 500 x 900mm

EMERGENCY CART

ANESTHESIA CART



마취카 / Anesthesia Cart(Steel)
| T-9125 900 x 500 x 900mm

MEDICATION SERVICE CART



약품카 / Medication Service Cart(Stainless)
| T-4271 670 x 520 x 950mm

ANESTHESIA CART
MEDICATION SERVICE CART

MEDICATION SERVICE CART (주)정도비엔피



약품카 / Medication Service Cart(Stainless)
| T-4272 630 x 520 x 950mm



약품카 / Medication Service Cart(Stainless)
| T-4273 630 x 420 x 900mm

MEDICATION SERVICE CART

PLASTIC CART



MODEL	SIZE(OUT)	SIZE(IN)	SHELF
T-101A	560×385×825mm	440×340mm	2단
T-201A	655×455×825mm	525×400mm	2단
T-301A	815×490×825mm	680×440mm	2단



MODEL	SIZE(OUT)	SIZE(IN)	SHELF
T-101B	560×385×825mm	440×340mm	3단
T-201B	655×455×825mm	525×400mm	3단
T-301B	815×490×825mm	680×440mm	3단



MODEL	SIZE(OUT)	SIZE(IN)	SHELF
T-101C	560×385×825mm	440×340mm	2단
T-201C	655×455×825mm	525×400mm	2단
T-301C	815×490×825mm	680×440mm	2단



MODEL	SIZE(OUT)	SIZE(IN)	SHELF
T-101D	560×385×825mm	440×340mm	3단
T-201D	655×455×825mm	525×400mm	3단
T-301D	815×490×825mm	680×440mm	3단

PLASTIC CART

PLASTIC CART



MODEL	SIZE(OUT)	SIZE(IN)	SHELF
T-101E	560×385×825 _{mm}	440×340 _{mm}	2단
T-201E	655×455×825 _{mm}	525×400 _{mm}	2단
T-301E	815×490×825 _{mm}	680×440 _{mm}	2단



MODEL	SIZE(OUT)	SIZE(IN)	SHELF
T-101F	560×385×825 _{mm}	440×340 _{mm}	3단
T-201F	655×455×825 _{mm}	525×400 _{mm}	3단
T-301F	815×490×825 _{mm}	680×440 _{mm}	3단



MODEL	SIZE(OUT)	SIZE(IN)	SHELF
T-101G	560×385×825 _{mm}	440×340 _{mm}	2단
T-201G	655×455×825 _{mm}	525×400 _{mm}	2단
T-301G	815×490×825 _{mm}	680×440 _{mm}	2단



MODEL	SIZE(OUT)	SIZE(IN)	SHELF
T-101H	560×385×825 _{mm}	440×340 _{mm}	3단
T-201H	655×455×825 _{mm}	525×400 _{mm}	3단
T-301H	815×490×825 _{mm}	680×440 _{mm}	3단

PLASTIC CART

LINEN SERVICE CART



의료비품용 카트 / Linen Service Cart

T-4434 1200 x 600 x 1600mm
T-4435 1500 x 600 x 1600mm



의료비품용 카트 / Linen Service Cart

T-4436 1200 x 600 x 1600mm
T-4437 1500 x 800 x 1600mm

LINEN SERVICE CART

SIDE LAMP



할로겐보조등 / Side Lamp
| T-OS-2010 H:1400~2000mm



할로겐보조등 / Side Lamp
| T-OS-2011 2500Lux, H:1400~2000mm



전기스탠드(일반형) / Side Lamp
| T-3512 220v

INSTRUMENT CABINET



의료비품보관장/Instrument Cabinet
T-5208 1200×500×1800mm

* 요구하시는 규격대로 주문제작
가능합니다.



의료비품보관장/Instrument Cabinet
T-5209 1200×500×1800mm

* 요구하시는 규격대로 주문제작
가능합니다.

INSTRUMENT CABINET



의료비품보관장 / Instrument Cabinet
| T-5210 900 x 400 x 1800mm



의료비품보관장 / Instrument Cabinet
| T-5211 1200 x 500 x 1850mm

INSTRUMENT CABINET

INSTRUMENT CABINET



의료비품보관장 / Instrument Cabinet
| T-5212 900 x 350 x 1850mm



의료비품보관장 / Instrument Cabinet
| T-5213 1000 x 500 x 1850mm

INSTRUMENT CABINET

INSTRUMENT CABINET



의료비품보관장 / Instrument Cabinet
| T-5214 1200 x 500 x 1800mm



의료비품보관장 / Instrument Cabinet
| T-5215 1200 x 500 x 1800mm

INSTRUMENT CABINET

MONITOR CART



모니터 카트 / Monitor Cart
T-4501 600x600x1300mm



모니터 카트 / Monitor Cart
T-4502 550x500x1300mm

CRADLE



화상보호대 / Cradle
T-8005 250x220x250mm
T-8006 300x240x300mm
T-8007 550x450x350mm
T-8008 700x680x520mm



(주)정도바이오페
선진공배기 & 진공건조 방식

B-CLASS SMALL STEAM STERILIZER Digital LED Display Monitor type

HS-3041BD · 2321BD

Pre-vacuum Air Removal & Post-vacuum Drying type

B-class의 성능위에
경제성을 실현한
실용적인 소형 증기멸균기

Realized The Economical and
Practical Sterilizers with B-Class
Performance



Rectangular
Chamber type



HS-2321BD



HS-3041BD

Specifications

MODEL	HS-3041BD	HS-2321BD
Style	Table-top type	
Chamber Volume	40,5ℓ (Rectangular)	21,5ℓ (Rectangular)
Operating Temperature	121,0°C ~ 135,0°C	
Trouble Detection	Checked by Self Diagnosis Function	
Power Source	AC 230V / 3,100W	AC 230V / 2,300W
Weight	81 kg	56 kg

B-CLASS SMALL
STEAM STERILIZER



B-CLASS SMALL STEAM STERILIZER Touch Screen LCD Monitor type 선진공배기 & 진공건조 방식

HS-3041BT · 2321BT

Pre-vacuum Air Removal & Post-vacuum Drying type

사각 চে임버의
넓은 가용 공간과
대형 컬러 터치스크린에 의한
편리한 멸균작업

Wide Usable Space of the
Rectangular Chamber,
Convenient Sterilizer Operation on
the Large Color Touch Screen



Rectangular
Chamber type



HS-2321BT



HS-3041BT

Specifications

MODEL	HS-3041BT	HS-2321BT
Style	Table-top type	
Chamber Volume	40.5ℓ (Rectangular)	21.5ℓ (Rectangular)
Operating Temperature	121.0°C ~ 135.0°C	
Trouble Detection	Checked by Self Diagnosis Function	
Power Source	AC 230V / 3,100W	AC 230V / 2,100W
Weight	82 kg	57 kg

B-CLASS SMALL
STEAM STERILIZER

ETHYLENE OXIDE GAS STERILIZER Touch Screen LCD Monitor type



(주)정도바이오펜 100% EO 가스 멸균기

HS-4313EO

100% EO Gas type

100% EO

가스 카트리지(Cartridge)
- 안전한 멸균작업

Convenient Operation and Various
Cycle Programs Allow of Achieving
High Sterilizing Power,



Touch Screen Control Panel



100% EO Cartridge (100g)

Specifications

MODEL	HS-4313EO
Style	Table-top type
Chamber Volume	135.6 l
Operating Temperature	30℃ ~ 60℃
Sterilant	Ethylene Oxide 100%, Cartridge type (100g)
Trouble Detection	Checked by Self Diagnosis Function
Power Source	AC 230V / 1,300W
Weight	Unit
	Table
	105 kg
	48 kg

ETHYLENE OXIDE
GAS STERILIZER

RETORT POUCH PRODUCT STERILIZER Digital LED Display Monitor type



(주)정도바이오피
중력배기 & 진공건조 방식

HS-60SLR

Gravity Air Removal & Post-vacuum Drying type

레토르트 제품 전용 멸균기



Automatic Door
& Vertical Chamber type



HS-60SLR



Specifications

MODEL	HS-60SLR
Style	Vertical Chamber
Chamber Volume	60 ℓ (Cylindrical)
Operating Temperature	121.0℃ ~ 135.0℃
Trouble Detection	Checked by Self Diagnosis Function
Power Source	AC 230V / 2,980W
Weight	105 kg

RETORT POUCH
PRODUCT STERILIZER

DRY-HEAT STERILIZER · INCUBATOR



HD-5610C
HD-4050C
HD-4030C

HD-5610C · 4050C · 4030C

Specifications

MODEL	HD-5610C	HD-4050C	HD-4030C
Style	Table-top type (Exterior:Carbon Steel Plate)		
Chamber Volume	107.5 ℓ	52.8 ℓ	32 ℓ
Temperature Range	Sterilization Mode : 35℃ ~ 220℃ Incubation Mode : 37℃ / 42℃ / 52℃ / 60℃ / 70℃		
Temperature Deviation	-4.5℃(min)~+2.4℃(max)	-1.9℃(min.) ~ +2.9℃(max.)	
Trouble Detection	Checked by Self Diagnosis Function		
Power Source	AC 230V / 2,100W	AC 230V / 1,500W	AC 230V / 1,200W
Weight	43 kg	37 kg	31 kg



HS-5610
HS-4050
HS-4030

HS-5610 · 4050 · 4030

Specifications

MODEL	HS-5610	HS-4050	HS-4030
Style	Table-top type (Exterior:Stainless Steel Plate)		
Chamber Volume	107.5 ℓ	52.8 ℓ	32 ℓ
Temperature Range	Sterilization Mode : 35℃ ~ 220℃ Incubation Mode : 37℃ / 42℃ / 52℃ / 60℃ / 70℃		
Temperature Deviation	-4.5℃(min)~+2.4℃(max)	-1.9℃(min.) ~ +2.9℃(max.)	
Trouble Detection	Checked by Self Diagnosis Function		
Power Source	AC 230V / 2,100W	AC 230V / 1,400W	AC 230V / 1,100W
Weight	63 kg	43 kg	35 kg

ULTRAVIOLET RAYS STERILIZER



H-8000C
H-3000B
H-5000A

H-8000C · 5000A · 3000B

Specifications

MODEL	H-8000C	H-5000A	H-3000B
Style	Table-top type		
Chamber Volume	55 ℓ	36 ℓ	23 ℓ
Temperature Range	Ambient : 5℃ ~ 120℃		
Germicidal Lamp	15W	10W	6W
Power Source	AC 230V / 600W	AC 230V / 450W	AC 230V / 350W
Weight	23 kg	19 kg	14 kg

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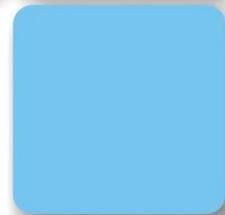
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(주) 정도비앤피
JEUNGDO Bio & Plant Co., Ltd.



본사·공장 : 서울특별시 노원구 노원로 15길 10
(하계동) 하계테크노타운 B동 703호
전 화 : (02)952-8214~6 팩스 : (02)952-8217
www.jeungdo.co.kr / E-mail : jdbnp@naver.com