OMNIPETTE SINGLE AND MULTI-CHANNEL PIPETTES



Single Channel Pipettes

Cat. No.	Volume Range	Dsc. Price	Cat. No.	Volume Range	Dsc. Price
CV2	0.2 to 2µl	238,000	CV200	20 to 200µl	238,000
CV10	0.5 to 10µl	238,000	CV1000	100 to 1000µl	238,000
CV20	2 to 20µl	238,000	CV5000	1 to 5ml	238,000
CV50	5 to 50µl	238,000	CV10000	1 to 10ml	238,000
CV100	10 to 100µl	238,000			

Multi Channel Pipettes

Cat. No.	Channels	Volume Range	Dsc. Price	Cat. No.	Channels	Volume Range	Dsc. Price
CV8-10	8	0.5 to 10µl	654,000	CV12-10	12	0.5 to 10µl	835,000
CV8-50	8	5 to 50µl	705,000	CV12-50	12	5 to 50µl	868,000
CV8-200	8	20 to 200µl	705,000	CV12-200	12	20 to 200µl	868,000
CV8-300	8	50 to 300µl	705,000	CV12-300	12	50 to 300µl	868,000

Cat. No.	Description	Dsc. Price	Cat. No.	Description	Dsc. Price
CV-MS	Stand for 3 x Multi-channel pipettes	110,000	CV-1POS	Pipette Stand, 1 Position for Single or Multi Channel	69,000
CV-RS	Rotating Pipette Stand, 6-position	199,000	CV-4POS	Pipette Stand, 4 Position for Single Channel	130,000
			CVSTARTERPACK	Starter Pack incl. CV2, CV20, CV200, CV1000, CV-4POS	858,000

Cleaver SCIENTIFIC 제품은 영국의 THISTLE SCIENTIFIC 사에서 제조 공급 합니다.

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EZEESPIN™ MINI CENTRIFUGES











ezeeSPIN™ Mini Centrifuges는 신속한 spin-down을 위해 설계된 콤팩트하고 조용하며 활용도가 뛰어난 장비입니다.

- 8 × 1.5/2.0 ml tubes와 PCR strip rotor 두종의 rotor 기본 제공
- 0.5 ml 및 0.2 ml adapter 기본 포함
- 저소음·저진동 서스펜션 구동 방식 및 안정적인 고정을 위한 흡착식 베이스 적용
- 안전 덮개 잠금 기능
- ezeeSPIN™ : 최대 7,000 rpm(2,113 × g)의 고정 속도 작동
- ezeeSPIN-D™ : 1,000 ~ 12,000 rpm 범위의 디지털 속도 조절 및 타이머 기능

EZEESPIN	ezeeSPIN single speed mini centrifuge	236,000
EZEESPIN-D	ezeeSPIN mini centrifuge with digital speed adjustment	279,000

VORTEXM2 MIXER

for any routine mixing applications.



- Speed Range 0-2800rpm, manual adjustment
- 작동 모드: : continuous, touch, Stop
- Movement ; Orbital
- Orbital Diameter ; 4mm
- 기본 구성품: 3인치 원형 고무 평면 패드 및 탈착식 고무 컵 헤드
- Optional Accessory : 15ml/50ml Tube Holder, 1.5ml/15ml/50ml Tube Foam Rack, 96-well PCR Plate Foam Platform, 96-well Microplate Foam Platform

VORTEXM2	Variable Speed Vortex Mixer, 230V, 3" Round Rubber Flat Cover & Pop-Off Rubber Cup Head	509,000

EZEE-3DRM ROTATING MIXER

3-D Rotating Mixer with Adjustable Speed



- 회전, shaking, 각도 운동이 결합된 3-D 움직임
- 20°에서 99°까지 조절 가능한 작동 각도
- 부드러운 혼합부터 강력한 혼합까지 가능한 속도 조절 기능
- 연속 작동 또는 타이머 설정 작동(1~999분 / 0~999초)
- MINI-INCBASIC 인큐베이터와 호환 가능
- 다양한 튜브 크기에 맞춰 교체 가능한 튜브 프레임

EZEE-3DRM	EZEE-3DRM ROTATING MIXER	983,000

EZEESHAKER 3-D SHAKER

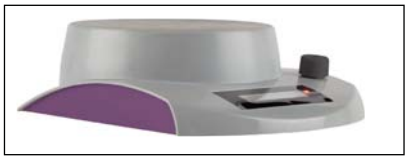


- 균일한 혼합을 위한 3차원 shaking 동작
- Speed range from 0–30 rpm
- 20°의 고정 작동 각도
- 작동 중 시료를 안전하게 고정하는 미끄럼 방지 고무 매트
- MINI-INCBASIC 내부 및 저온실(cold room)에서 사용 가능
- 최대 하중 2kg의 콤팩트한 디자인
- 작동 온도 범위 (-10 °C to 60 °C)

3DSHAKER	EZEEshaker 3-D shaker with non-slip mat. 115/240V	862,000

SPECIAL OFFER ~2027.1.29.

ISTIR MAGNETIC INDUCTION STIRRER





- 부하가 변해도 일정한 속도 유지, 저소음 및 저진동 작동
- 시간과 속도를 정밀하게 제어하는 디지털 디스플레이
- 작동 중에도 시간 및 속도 조절 가능
- 효과적인 혼합을 위한 역회전(Reverse rotation) 기능 제공
- Speed Range: 10 to 2,000 rpm variable / Time Ranges: 30 seconds to 60 minutes
- Stirrer Mode: 시계 방향 단일 회전, 자동 역회전
- Capacity: 3 litres plus / Mixing Surface: 165 mm diameter

ISTIR2	ISTIR Magnetic Induction Stirrer	940,000

HOTPLATE & STIRRER

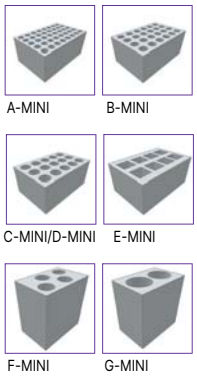


- 3가지 모델: heat-stir, heat only or stir only
- Speed Range: 200-1500 rpm (stirring units only)
- Temp. Range: ambient +5° to 380°C (heating units only)

CSL-DHOTPLATE	Digital Hotplate, 16.5 x 16.5 cm	762,000
CSL-DSTIR	Digital Magnetic Stirrer, 16.5 x 16.5 cm	762,000
CSL-DHOTSTIR	Digital Hotplate Magnetic Stirrer 16.5 x 16.5 cm	917,000
CSL-HOTPLATE	Hotplate, 19 x 19 cm	783,000
CSL-HOTSTIR	Hotplate Magnetic Stirrer, 19 x 19 cm	1,158,000
CSL-STIR	Magnetic Stirrer, 19 x 19 cm	625,000
TEMPROBE	Optional Temperature probe	250,000
SUPPROD	Optional Support Rod	250,000

microBLOCK Personal block incubator



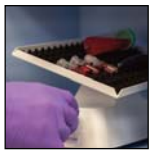


- 0.2~50ml 튜브용 교체형 블록
- 온도 균일성을 보장하는 투명 커버
- 디지털 온도 제어
- 뛰어난 가열 속도
- 알루미늄 블록
- 온도 범위: 실온 +5°C ~ 100°C
- Uniformity : ± 0.5°C
- 온도 설정 단위: 0.1°C
- 블록 규격: 71 x 47 x 32 mm
- 블록 별매 (문의 바랍니다.)

MBDB-01	microBlock Digital Dry Bath with block lifter	477,000

MINI INCUBATOR







- 소규모 및 개인용으로 적합한 17L 용량
- 온도 범위: 상온 +5°C ~ 70°C
- 마이크로프로세서 제어 가열 방식으로 안정적이고 균일한 온도 유지
- 부식 방지 금속 하우징 및 대형 투명창 적용
- 직관적인 조작이 가능한 Backlit colour touch panel
- 높이 조절 가능한 스테인리스 스틸 선반 기본 포함
- Ext Dimension : (W x L x H) 310 X 310 X 380mm
- Interior Dimension : (W x L x H) 260 x 255 x 255mm

MINI-INCBASIC	Mini Incubator (including S/S Shelf) - 17L	2,120,000
INCBASIC-SHELF	Stainless Steel shelf for MINI-INCBASIC. 250 x 240mm	302,000
INCBASIC-SW	Functional control software for MINI-INCBASIC	373,000

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MULTISUB™ HORIZONTAL GEL SYSTEM



MULTISUB™ MINI

unit (w x l x h) : 9 x 21 x 9cm

MSMINI7	7 x 7cm UV Tray, 2 x 8 sample combs	610,000
MSMINI10	7x 10cm UV Tray, 2 x 8 sample combs	610,000
MSMINIDUO	7 x 7cm & 7 x 10cm UV Tray, 2 x 8 sample combs	662,000



MULTISUB™ MIDI

unit (w x l x h) : 12.5 x 22 x 9cm

MSMIDI7	10 x 7cm UV Tray, 2 x 16 sample combs	672,000
MSMIDI10	10 x 10cm UV Tray, 2 x 16 sample combs	672,000
MSMIDIDUO	10 x 7cm & 10 x 10cm UV Tray, 2 x 16 sample combs	717,000



MULTISUB™ CHOICE

unit : 17.5 x 26.5 x 9cm

CHOICEST

unit : 17.5 x 41 x 9cm

MSCHOICE7	15 x 7cm UV Tray, 2 x 20 sample combs	679,000
MSCHOICE10	15 x 10cm UV Tray, 2 x 20 sample combs	679,000
MSCHOICE15	15 x 15cm UV Tray, 2 x 20 sample combs	679,000
MSCHOICETRIO	15 x 7, 10 and 15cm UV Tray, 2 x 20 sample combs	780,000
MSCHOICEST20	15 x 20cm UV Tray, 4 x 28 sample combs	793,000
MSCHOICEST25	15 x 25cm UV Tray, 4 x 28 sample combs	793,000



MULTISUB™ MAXI

unit (w x l x h) : 23 x 39.5 x 9cm

MSMAXI10	20 x 10cm UV Tray, 2 x 20 sample combs	1,162,000
MSMAXI15	20 x 15cm UV Tray, 2 x 20 sample combs	1,162,000
MSMAXI20	20 x 20cm UV Tray, 2 x 20 sample combs	1,162,000
MSMAXI25	20 x 25cm UV Tray, 2 x 20 sample combs	1,283,000
MSMAXIDUO	20 x 10 and 20 x 20cm UV Tray, 2 x 20 sample combs	1,283,000



MULTISUB™ SCREEN

unit (w x l x h) : 28 x 50 x 9cm

MSSCREEN16	26 x 16cm UV Tray, 6 x 28 sample combs	1,660,000
MSSCREEN24	26 x 24cm UV Tray, 6 x 28 sample combs	1,660,000
MSSCREEN32	26 x 32cm UV Tray, 6 x 28 sample combs	1,743,000
MSSCREENTRIO	26 x 16cm, 26 x 24cm, 26 x 32cm UV Trays, 6 x 28 sample combs	1,960,000



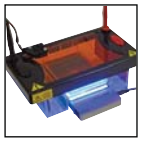


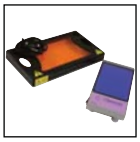
HORIZONTAL SYSTEM PACKAGES

MSMINIDUO-NANO300	Mini Package, inc.: MSMINIDUO & nanoPAC-300P	1,230,000
MSMIDIDUO-NANO300	Midi Package, inc.: MSMIDIDUO & nanoPAC-300P	1,280,000
MSCHOICETRIO-PP300	Choice Package, inc.: MSCHOICETRIO + PP300V	1,560,000
MSMAXIDUO-PP300	Maxi Package, inc.: MSMAXIDUO + PP300V	1,950,000

RUNVIEW MINI




RVMIDISYS


RVMIDI-LID


RVMINI-LID

Gel tank 바로 아래에 딱 맞는 mini blue light illuminator

runVIEW MINI는 gel tank 내부의 DNA를 실시간으로 확인할 수 있는 orange filter 창이 포함되어 있어, PCR 정확도나 제한 효소 절단 결과를 신속하게 확인하는 데 최적입니다.
또한 젤을 조명 장치 위에 직접 올려놓고 독립형 transilluminator로도 사용할 수 있습니다.
Safe stains 뿐만 아니라 ethidium bromide 도 확인 가능 합니다.

RVMINI	Mini Blue Light Transilluminator, 11.2 x 7.4cm with filter	769,000
RVMINISYS	MSMINIDUO fitted with Orange filter lid plus RVMINI	1,162,000
RVMIDISYS	MSMIDIDUO fitted with Orange filter lid plus RVMINI	1,251,000

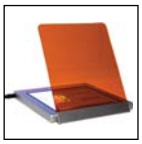
DUOVIEW MINI

dual-LED transilluminator designed for safe, UV-free visualisation of nucleic acids, proteins and X-ray film.









- Dual blue (470 nm) and white LED light sources
- 기기를 뒤집기만 하면 자동으로 광원 전환
- Small, midi gels 에 적합한 콤팩트한 viewing area
- 발열이 적고 가벼운 알루미늄 설계
- Amber filter, cardboard hood 기본으로 포함.
- 약 6분 후 자동 전원 차단
- Dimension (W x L x H) Approx. 200 x 200 x 15.6mm
- Viewing Area (W x L) 153 x 153mm

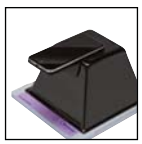
DUOVIEW-MINI	DUOVIEW MINI 15.3 x 15.3cm, with amber filter, hood	1,097,000
DUOVIEWM-AF	580nm Amber Filter screen	55,000
DUOVIEWM-HOOD	Synthetic Paper Hood for DUOVIEW-MINI	45,000

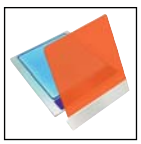
SAFEVIEW MINI2

Blue Light Transilluminator 15.3 x 15.3 cm




GDH Basic Hood (with optional safeVIEW-MINI2


GDH-BASICKIT (phone not included)


safeVIEW-MINI2 with filter fitted

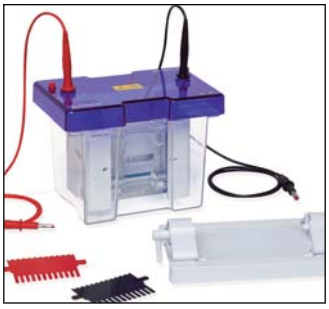
- 470nm 파장의 blue LED를 사용하여 DNA 또는 RNA 손상 문제 없이 안전하게 작업
- GDH-BASIC imaging hood를 사용하면 휴대폰 카메라로도 선명한 젤 이미지를 촬영.
- 인체에 직접 닿아도 무해한 470nm blue light
- Amber filter, cardboard hood 기본으로 포함.
- 약 6분 후 자동 전원 차단
- Dimension (W x L x H) Approx. 200 x 200 x 13.9mm
- Viewing Size 153 x 153mm

SAFEVIEW-MINI2	SAFEVIEW MINI2 15.3 x 15.3cm, with amber filter, hood	861,000
GDH-BASIC	Gel Doc Hood – Basic- No camera (use with a phone)	217,000

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OMNIPAGE™ VERTICAL GEL SYSTEM

simple, rapid, leak-proof gel casting....



OMNIPAGE™ MINI

10 X 10cm, 2 x 12 sample combs, 2 x 2mm thick glass plates with bonded 1mm spacers

interchangeable modules



Electroblotting Module



High Intensity Electroblotting Module

Electroblotting Module – 백금 와이어 전극, 4개의 블로팅 카세트, 그리고 압착을 돕는 섬유 패드로 구성된 이 모듈은 Western Blotting용 omniPAGE Mini 탱크에 딱 맞게 장착됩니다.

High Intensity Electroblotting Module – 2개의 블로팅 카세트와 백금 판 전극을 갖춘 이 고성능 blotting module은 단백질을 membranes으로 신속하게 이동시켜 탁월한 시간 절감 효과를 제공합니다.

CVS10DSYS	omniPAGE Mini, w/ casting base	1,180,000
CVS10CBS	Complete Mini Vertical Electrophoresis & Blotting System	1,761,000
CVS10CBS-HI	Complete Mini Vertical Electrophoresis & High Intensity Blotting System	1,893,000



PROPAGE

mini vertical system, 2 or 4 gel set up

- Polyacrylamide gel electrophoresis (PAGE or SDS-PAGE)
- 2-D gel electrophoresis
- Screening samples Protein profiling

CVS82BSYS0.75	proPAGE 2 - mini PAGE system for 2 gels, 0.75mm thick	1,293,000
CVS84BSYS0.75	proPAGE 4 - mini PAGE system for 4 gels, 0.75mm thick	1,787,000
CVS82BSYS	proPAGE 2 - mini PAGE system for 2 gels, 1mm thick	1,293,000
CVS84BSYS	proPAGE 4 - mini PAGE system for 4 gels, 1mm thick	1,787,000
CVS84BSYS-PP300	proPAGE 4 Mini PAGE System for 4 gels, 1mm and powerPRO300	2,770,000

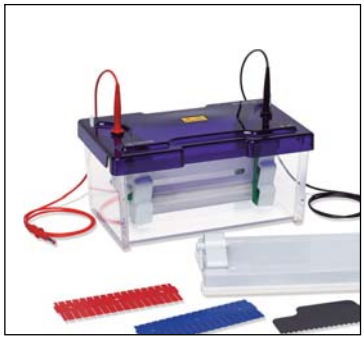


PROPAGE BLOTTER

Polyacrylamide gels에서 membranes으로 단백질을 효율적으로 전송하도록 설계된 고성능 electroblotting system.

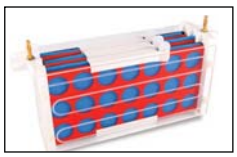
- 최대 2개의 미니 젤(110 x 90mm)을 동시에 transfer 가능
- 효과적인 열 발산을 위한 냉각 블록 내장
- 고전류를 이용한 신속한 transfer 및 저전류를 이용한 overnight transfer 모두 지원
- 전류 전달을 극대화하고 shadow banding을 줄여주는 개방형 설계

CVS8-SBU	miniBLOT 10 x 8cm electroblotting system for 2 gels	1,390,000
CVS8-BI	miniBLOT replacement blotting module, pk/1	921,000



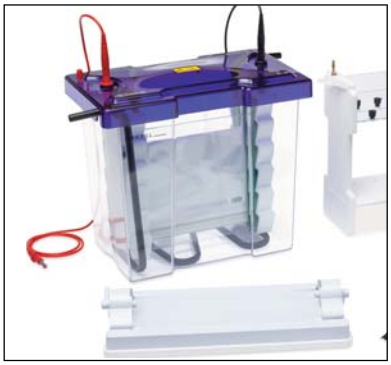
OMNIPAGE™ MINI WIDE SYSTEMS

20 x 10cm Dual



Mini Wide Blotting module, VS10WBI

VS10WDSYS	Mini Wide, 20 x 10cm Dual, 2 x 24 sample 1mm thick, inc. caster	1,570,000
VS10WBI	Mini Wide Blot Module - includes 4 cassettes and 8 fibre pads	953,000
VS10WCBS	Complete Mini Wide (20 x 10cm) Vertical Eph. & Blotting System	2,476,000



OMNIPAGE™ MAXI WAVE 20 x 20cm Dual, Gel size 16 x 17.5cm

- PAGE 및 electroblotting 모듈과 상호 교환하여 사용할 수 있습니다.
- 2x4mm thick glass plates

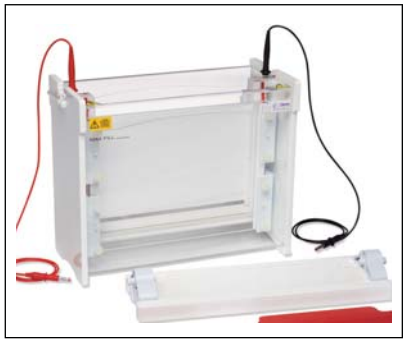


Western Blotting module, VS20BI



Hi-Intensity Blotting module, VS20BI-HI

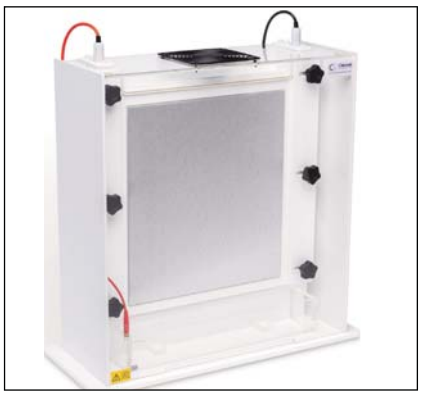
VS20WAVESYS	omniPAGE MAXI WAVE with caster, 2 x 24 sample, 1mm thick	2,242,000
VS20CBS	Complete Maxi WAVE Vertical Electrophoresis & Blotting System	3,110,000
VS20CBS-HI	Complete Maxi WAVE Vertical Eph. & High Intensity Blotting System	3,820,000



OMNIPAGE™ MAXI PLUS 30 x 22cm Dual,

- 2D electrophoresis에 이상적임
- 최대 26cm 길이의 strips 사용 가능

VS30D	30 x 22cm Dual, 2 x 28 sample 1.5mm	2,177,000
VS30DSYS	omniPAGE MAXIPLUS, as above with Casting Base	2,343,000
VS30BI	omniPAGE MAXI Blot Plus Module - includes 4 cassettes & 8 fibre pads	1,344,000



LARGE FORMAT 20cm wide / 33 cm wide

- 최대 96개 샘플 처리
- Gel 열 균일화 기능 강화
- 버퍼 용량 조절 가능 (low or high buffer volumes)
- 20 x 50cm or 33 x 45cm formats

CSQ20	Large Format, 20cm wide, 0.35mm spacers, 48 sample comb	2,722,000
CSQ20TG	As above but with toughened glass	3,215,000
CSQ33	Large Format, 33cm wide, 0.35mm spacers, 48 sample comb	2,722,000
CSQ33TG	As above but with toughened glass	3,215,000



CVS10CBS-PP300

VERTICAL SYSTEM PACKAGES

CVS10DSYS-PP300	omniPAGE Mini - PAGE Package with Power Supply	1,917,000
CVS10CBS-PP300	omniPAGE Mini - PAGE and Blotting Package with Power Supply	2,321,000



GRADIENT MIXERS

CSL-GM15	15ml Gradient Mixer	900,000
CSL-GM25	25ml Gradient Mixer	1,019,000
CSL-GM50	50ml Gradient Mixer	1,090,000
CSL-GM100	100ml Gradient Mixer	1,144,000
CSL-GM500	500ml Gradient Mixer	1,316,000

POWER SUPPLIES





MINI		MIDI
nanoPAC-300P	nanoPAC-500	powerPRO300
10-300V 10-400mA 60W max. 1V / 1mA	10-500V 10-400mA 120W max. 1V / 1mA	5-300V 1-700mA 150W 1V / 1mA / 1mW
2 step-program 2 sets output jacks	2 step-program 2 sets output jacks	Up to 30 programmable, 6 steps. 5 sets output jacks
902,000	1,210,000	1,050,000

TOUCHSCREEN POWER SUPPLIES





- 작동 상태를 명확하게 모니터링할 수 있는 터치스크린 디스플레이
- Constant voltage, current or power operation with programmable protocols
- 30 Step, 100 programmed files
- Five output pairs

POWERPRO300-M2	TOUCH SCREEN POWER Pro 300V 700mA 150W	1,210,000
POWERPRO500-M2	TOUCH SCREEN POWER Pro 500V 800mA 300W	1,930,000
POWERPRO3AMP-M2	TOUCH SCREEN POWER Pro 300V 3000mA 300W	1,660,000

BLOT TRANSFER SYSTEMS

ELECTRO BLOTTERS



SEMI DRY BLOTTERS



DOT AND SLOT





Model	CSL-D48	CSL-D96	CSL-S24	CSL-S48
Configuration	3 x 16	8 x 12	2 x 12	3 x 16
Size of well	6mm diameter	6mm diameter	6 x 0.5mm	6 x 0.5mm
12mm deep	12mm deep	12mm deep	12mm deep	
Vacuum required	----- 600mm Hg 0.8 BAR with cold trap -----			
Unit dimensions	6x9.5x10cm	6x10.5x14cm	6x7.4x8.3cm	6x9.5x10cm
Membranes size reqd	12.1 x 4.4cm	11 x 7.4cm	12.1 x 4.4cm	12.1 x 4.4cm

EBM10	Mini ElectroBlotter, 10 x 10cm System for five cassettes	1,380,000
EBM20	Maxi ElectroBlotter, 20 x 20cm System for five cassettes	1,680,000
SD10	Semi Dry Mini, 10 x 10cm System	1,179,000
SD20	Semi Dry Midi, 20 x 20cm System	2,380,000
CSL-D48	48-well Dot Blot Manifold, 3 x 16 array	1,197,000
CSL-D96	96-well Dot Blot Manifold, 8 x 12 array	1,284,000
CSL-S24	24-well Slot Blot Manifold, 2 x 12 array	1,252,000
CSL-S48	48-well Slot Blot Manifold, 3 x 16 array	1,344,000

(주)이츠바이오 ITSBiO
TEL : 02 3462 8658 FAX : 02 3462 8659
www.itsbio.co.kr info@itsbio.co.kr

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