



version 1.0



2017 BROCHURE

**Electrophoresis &
Related Products**

New Products

MS Pipette



- Light weight
- Soft spring system for extremely low pipetting forces
- Controlled volume setting to prevent accidental volume changes
- Different color coded push button for different volume
- Contoured shape: fits either small or large hands
- Large pushbutton, rounded and freely rotating
- Finger hook: takes the weight, for a more relaxed grip
- 3-position tip ejector button (left/right handed users)
- Easy on site calibration (calibration key included)
- High accuracy and precision
- A unique serial number
- UV resistance even under prolonged exposure
- Fully autoclavable (120°C/0.1MPa/20 min)



MSP Series

Cat. No	Description
MSP-2	MS pipette, variable volume 0.2~2µl
MSP-10	MS pipette, variable volume 1~10µl
MSP-20	MS pipette, variable volume 2~20µl
MSP-100	MS pipette, variable volume 10~100µl
MSP-200	MS pipette, variable volume 20~200µl
MSP-1000	MS pipette, variable volume 100~1000µl
MSP-5000	MS pipette, variable volume 500~5000µl
MSP-10000	MS pipette, variable volume 1000~10000µl

Cat. No	Description
MSP-8X10	MS 8-ch pipette, variable volume 0.5~10µl
MSP-8X20	MS 8-ch pipette, variable volume 2~20µl
MSP-8X200	MS 8-ch pipette, variable volume 20~200µl
MSP-8X300	MS 8-ch pipette, variable volume 20~300µl
MSP-12X10	MS 12-ch pipette, variable volume 0.5~10µl
MSP-12X20	MS 12-ch pipette, variable volume 2~20µl
MSP-12X200	MS 12-ch pipette, variable volume 20~200µl
MSP-12X300	MS 12-ch pipette, variable volume 20~300µl



BluView Transilluminator

CE

MBE-300

- Portable 470nm blue light
- Slim design fits in most of electrophoresis tanks
- Perform run and view simultaneously
- Efficient and early stage mistake detection
- Ultra high light uniformity
- Fit most of different brand mini and midi size horizontal electrophoresis system (7x7~10x10 cm)



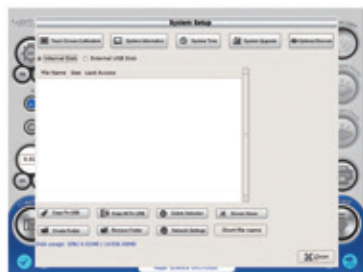
* For more information, please refer to p20



MBE-300 & ME 10 Tank

SmartView Pro Imager

- Standalone gel doc system with high-quality monochrome CCD
- Exchangeable emission filters provide for instant visualization
- Intuitive 10.4" interface with color touch-screen
- Zoom-able lens for proper picture size
- Movable platform for gel excision with UV-protection shield
- Automatic UV shut off mechanism (UVCI-2300 only)
- Optional trans white light and blue light plates (UVCI-2300 only)
- Exclusively designed for EtBr-free operation gel doc system (UVCI-2400 only)
- Optional trans white light plates



System setup



Protection warning



Load



Default setting

* For more information, please refer to p16

FC CE



SmartView Pro 2300/ SmartView Pro 2400



White light plate



Viewing via window



Viewing via screen



MP-310 / MP-320 / MP-510

Power Supply



Cat. No.	MP-100	Mini-300	Mini-500	MP-300V	MP-500V	MP-3AP	MP-310	MP-320	MP-510
		 FC CE 	 FC CE 	 FC CE 	 FC CE	 FC CE	 FC CE 	 FC CE	 FC CE
Display	N/A	LED			2.6"LCD		2.4" TFT LCD		
Output voltage / Inc.	50V/100V	10-300V/1V	10-500V/1V	2-300V/1V	5-500V/1V	5-300V/1V		5-500V/1V	
Output current / Inc.	400mA	10-400mA/1mA		1-700mA/1mA	1-800mA/1mA	10-3000mA/ 10mA	1-700mA/1mA	10-3000mA/ 10mA	1-800mA/1mA
Output power / Inc.	40W	60W	120W	150W	300W/1W		150W	300W	
Output type	Constant voltage	Constant voltage/Current			Constant voltage/Current /Power				
Timer	N/A	999 (min) with alarm/Continuous			Constant mode:9999 (min) with alarm/Continuous Programmable mode: 999 (min) with alarm/Continuous				
Rated voltage	100V-120V Only	100V-240V							
Program	N/A	2-step (V, mA, )		N/A	Pre setting; Up to 6-step (V, mA, W, ) , 30 programmed files				

Nucleic Acid / Protein Electrophoresis and Blotting

Wide / Mini Horizontal Gel Electrophoresis System



Mini Horizontal Gel

MJ-105-S (white) / R (pink)



Wide Mini Horizontal Gel
MT-108

Cat. No	MJ-105-S	MJ-105-R	MT-108
Dimension (mm)(WxLxH)	140x140x53		136x188x58
Gel dimension (mm)(WxL)	107x60		105x83
	52x60		50x83
Maximum sample	25 samples		
Rapid casting gel	Use gel maker stand		

Midi / Maxi, Midi96, Super plus Gel Electrophoresis System

CE



ME series
Midi plus Series



ME-96
Midi96 plus-1 Gel



ME-Level4
Super plus Gel



Cat. No.	ME7-7-10	ME10-7-10	ME15-7-10-15	ME20-10-20	ME-96	ME-Level4
Dimension (mm)(WxLxH)	210x90x90	220x125x90	265x175x90	395x230x90	220x125x90	350x110x160
Gel dimension (mm)(WxL)	70x70 70x100	100x70 100x100	150x70 150x100 150x150	200x100 200x200 200x250 (Optional)	100x120	80x60 (Optional) 80x120 (Optional) 80x180
Maximum sample each tray(mm)	32 for 70x70 64 for 70x100	50 for 100x70 100 for 100x100	70 for 150x70 140 for 150x100 210 for 150x150	200 for 200x100 450 for 200x200 550 for 200x250	96 samples plus 1 or 2 marker lanes	10 / 20 / 30 run length: 306 / 144 / 72
Rapid casting gel	Use casting dams					N/ A

Vertical Gel Electrophoresis Apparatus, Electro Blot System, Denaturing Gradient Electrophoresis

CE

MV-10DSYS

Vertical Gel
Apparatus



MV-30DSYS



Maxi Plus Vertical

MEBM series



Mini / Mini Wide / Maxi Electro Blot

MV20-WAVE-DGGE



Denaturing Gradient

MV-20WAVESYS



Maxi WAVE Vertical

Cat. No.	MV-10DSYS	MV-20WAVESYS	MV-30DSYS	MEBM10	MV20-WAVE-DGGE
Dimension (mm)(WxLxH)	190x130x150	300x180x270	360x180x330	190x130x190	405x170x440
Plate dimension (mm)(WxL)	100x100	200x200	300x220	N/A	200x200
Gel dimension (mm)(WxL)	85x80	160x175	280x200	100x100	160x175
Maximum sample	80 / 20 samples per gel	192 / 48 samples per gel	300 / 75 samples per gel	5 Blots, 100x100	96 / 48 samples per gel
Rapid casting gel	Use gel maker stand			N/A	

*Technical specification subject to change without notice.

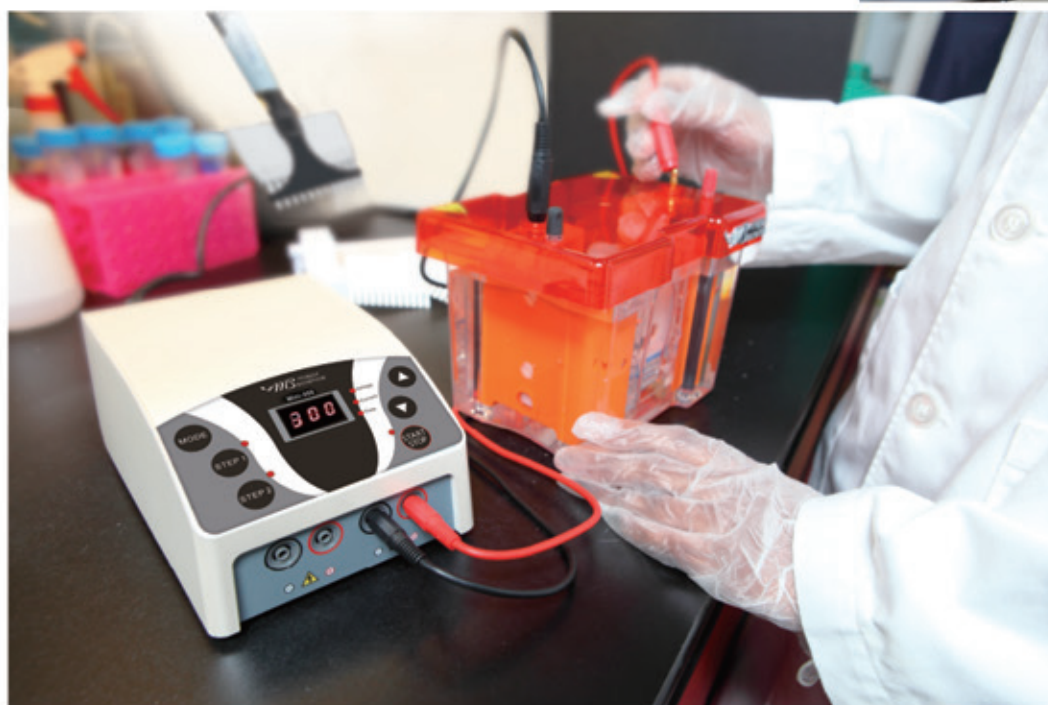
*Please visit our website at www.majorsci.com for more product selection and detailed information.

Blotting / Special Application



Semi Dry Mini and Semi Dry Midi

Cat. No.	MSD10	MSD20	MSD33	MSD50
Dimension (mm)(WxLxH)	160x160x70	260x260x70	330x450x70	260x560x70
Gel dimension (mm)(WxL)	100x100	200x200	330x450	200x500
Maximum sample (mm)	1 Blot, 80x85	1 Blot, 160x175	1 Blot, 330x450	1 Blot, 200x500
		2 Blots, 160x85	2 Blots, 260x200	2 Blots, 260x200
		4 Blots, 80x85	5 Blots, 160x175	2 Blots, 160x175
			10 Blots, 160x85	6 Blots, 160x85
Buffer volume	5ml	20ml	75ml	50ml
Accomodate gel thickness	0.25-10mm			
Economic transfer	Yes			



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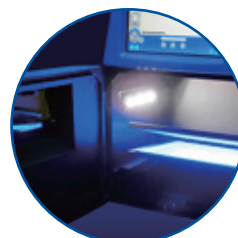
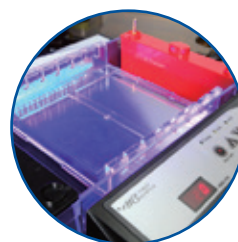
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