

version 1.0



# 2021-2022 BROCHURE

 **major  
science**

*Innovative Life Sciences Tools*



## ***Electrophoresis & Related Products***



# Power Supply



MP-310 / MP-320 / MP-510



Stackable case



Four pairs of outlet terminals



Cat. No.	MP-100	MINI-300 <b>Upgraded</b>	MINI-500	MP-310	MP-320	MP-510
Display	N/A	LED		2.4" TFT LCD		
Output voltage / Inc.	50V/100V	10-300V/1V	10-500V/1V	5-300V/1V		5-500V/1V
Output current / Inc.	400mA	10-400mA/1mA	1-400mA/1mA	1-700mA/1mA	10-3000mA/10mA	1-800mA/10mA
Output power / Inc.	40W	60W	120W	Output: 150W Input: 200W	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-steps (V, mA, ⌚)		Pre setting: Up to 6-steps (V, mA, W, ⌚), 30 programmed files		



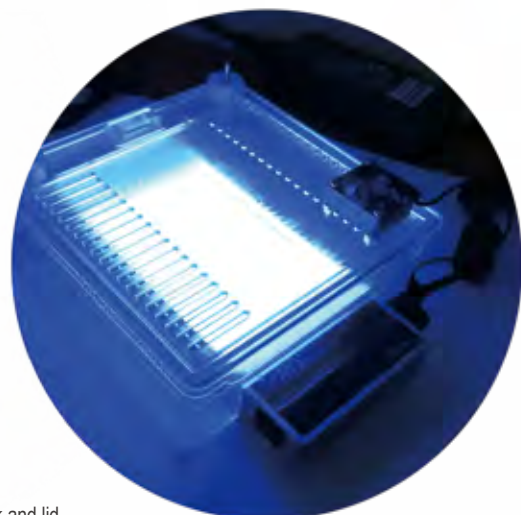
\*All technical specifications are subject to change without notice.

\*Please visit our website at [www.majorsci.com](http://www.majorsci.com) for more product selection and detailed information.



# Nucleic Acid / Protein Electrophoresis and Blotting

## Wide / Mini Horizontal Gel Electrophoresis System



Transparent tank and lid



Mini Horizontal Gel MJ-105A

The MJ-105A horizontal electrophoresis system offers many advantages for nucleic acid separation. Agarose gels are convenient to cast and samples are easy to load with this recognizable mini horizontal cell.

Cat. No	MJ-105A	MT-108
Dimension(mm)(WxLxH)	148.3x145.8x59.1	136x188x58
Gel dimension(mm)(WxL)	107x60	105x83
	52x60	50x83
Maximum sample	25 samples	
Rapid casting gel	Use gel maker stand	

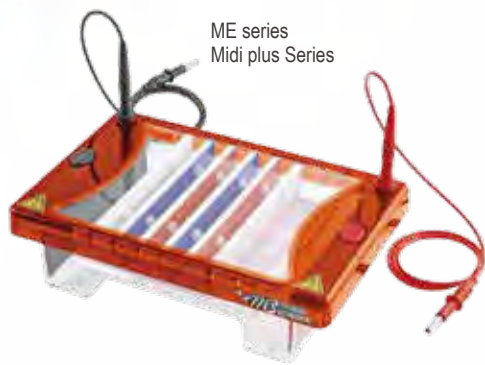


Multichannel pipette compatible



Wide Mini Horizontal Gel MT-108

## Midi plus Gel Electrophoresis System



ME series  
Midi plus Series

CE



Cat. No.	ME7-7-10	ME10-7-10	ME15-7-10-15
Dimension(mm)(WxLxH)	210x90x90	220x125x90	265x175x90
Gel dimension(mm)(WxL)	70x70 70x100	100x70 100x100	150x70 150x100 150x150
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
Rapid casting gel	Use casting dams		

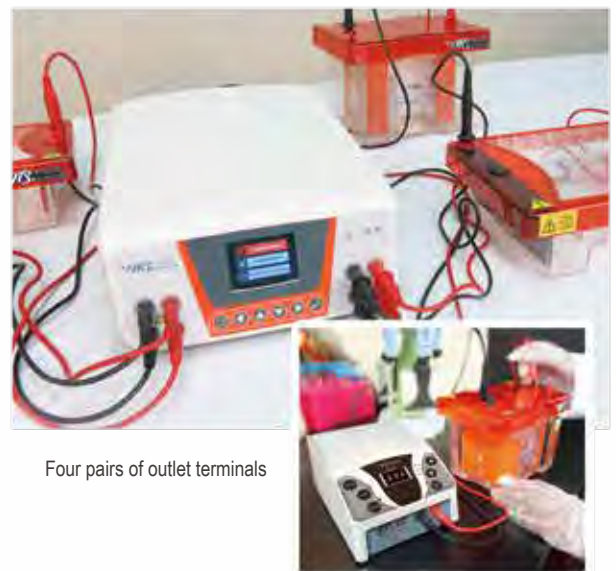
Cat. No.	ME20-10-20	ME26-16-24-32
Dimension(mm)(WxLxH)	395x230x90	500x280x90mm
Gel dimension(mm)(WxL)	200x100 200x200 200x250 (Optional)	10.2"x6.3" (260x160mm) 10.2"x9.5" (260x240mm) 10.2"x12.6" (260x320mm)
Maximum sample each tray(mm)	200 for 200x100 450 for 200x200 550 for 200x250 (Optional)	336 for 260x160mm 504 for 260x240mm 672 for 260x320mm
Rapid casting gel	Use casting dams	Use flexible caster

## Vertical Gel Electrophoresis Apparatus



MV-10DSYS  
Vertical Gel  
Apparatus

CE



Four pairs of outlet terminals

Cat. No.	MV-10DSYS
Dimension(mm)(WxLxH)	190x130x150
Plate dimension(mm)(WxL)	100x100
Gel dimension(mm)(WxL)	85x80
Maximum sample	80 / 20 samples per gel
Rapid casting gel	Use gel maker stand

## Complete Mini Electro & Blot System / Mini Electro Blot System

CE

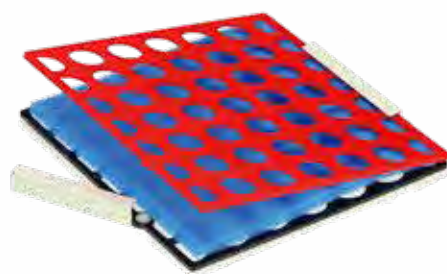


MV-10CBS  
Complete System for Mini Vertical  
Electrophoresis & Blotting



MEBM series  
Mini / Mini Wide /  
Maxi Electro Blot

Double hinged cassettes  
for added convenience



Cat. No.	MV-10CBS	MEBM10
Dimension(mm)(WxLxH)	190x130x150	190x130x190
Plate dimension(mm)(WxL)	N/A	N/A
Gel dimension(mm)(WxL)	100x100	100x100
Maximum sample	4 blots, 100x100	5 Blots, 100x100
Rapid casting gel	N/A	N/A

## Semi Dry Mini and Semi Dry Midi

CE



MSD series  
Semi Dry Mini and Semi Dry Midi



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

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