

version 1.0



2023-2024 Catalogue

Nucleic Acid Electrophoresis



Innovative Life Sciences Tools

Mini Horizontal Gel Electrophoresis System

MJ-105A MT-108

For 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. Its molded design prevents cracks and leakages and the sturdy PC provides a 130°C temperature capacity. The safety interlock cover is designed to prevent electrical hazards during electrophoresis. It is ideal for several applications, including Northern and Southern blotting, Cosmid library restriction analysis, STS screening, microsatellite analysis, PCR fragment analysis, RFLP analysis, DNA finger-printing and high throughput analysis.

For MT-108

MT-108 horizontal electrophoresis units offer many advantages for nucleic acid separation. Agarose gels are easy to cast and samples are easy to load. MT-108's longer tray allows running of bigger fragments to attain higher resolution. Its molded design prevents cracks or leakages, and its sturdy PC provides a temperature capacity of up to 130°C. A safety interlocking cover is designed to prevent electrical hazards during electrophoresis runs. It is ideal for many applications, including Northern and Southern blotting, Cosmid library restriction analysis, STS screening, Microsatellite analysis, PCR fragment analysis, RFLP analysis, DNA fingerprinting and high-throughput analysis.



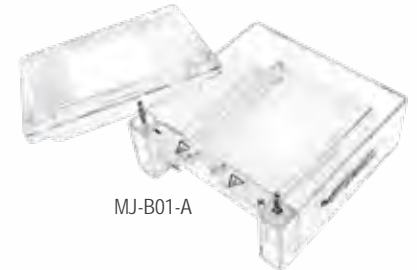
MJ-105A

MJ-105A is offered as a complete system for the user to cast, and run electrophoresis. including:

- 1 x Transparent tank and transparent lid
- 2 x MJ-G01 (Gel Maker Stand)
- 2 x MJ-T02 (107x60mm Tray)
- 4 x MJ-T01 (52x60mm Tray)
- 1 x MJ-C01 (Double side comb: 8 teeth x 2 & 17 teeth; 12 teeth x 2 & 25 teeth)
- 1 x MT-C03 (Multiple pipette compatible 23 teeth, Prep 1 & Marker 2, Prep 2 & Marker 2; 6 teeth x 2 for mini gel & 12 teeth for midi gel)
- 1 x Black & red electrophoresis cable



Multichannel pipette compatible



MJ-B01-A



Features

- Less agarose consumption
- Less running buffer consumption
- Multichannel pipette-compatible
- Single molded tank
- Safety & Ventilation lid
- High temperature capability, 130°C
- Easy sample loading
- Great indications for gel making and running
- No tapes, clamps or springs needed for gel casting
- No direct heat impact from power supply unit

For MJ-105A additional features

- Transparent tank and lid
- Real time observation with MBE-300
- Contains 2 sets of gel maker stand
- Cast 6 pcs of agarose gel in one time

For MT-108 additional features

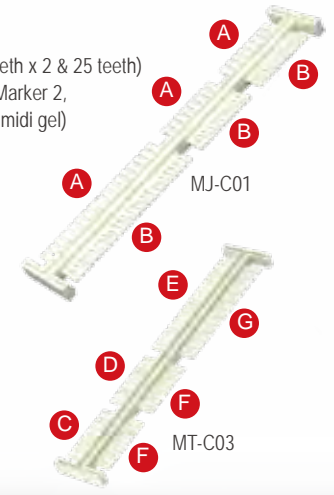
- Two tray options available
- Cast 3 pcs of agarose gel in one time



MT-108

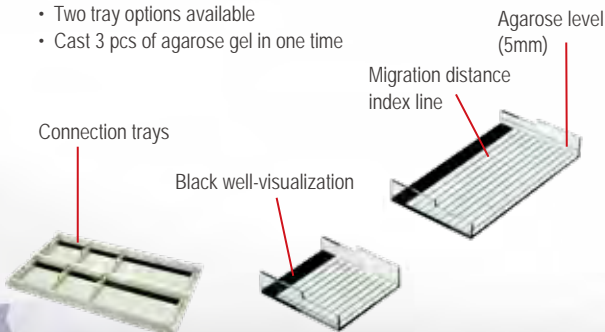
MT-108 is offered as a complete system for the user to cast, and run electrophoresis. including:

- 1 x Snow tank and transparent lid
- 1 x MT-G01 (Gel Maker Stand)
- 1 x MT-T01 (105x83mm Tray)
- 2 x MT-T02 (50x83mm Tray)
- 1 x MJ-C01 (Double side comb: 8 teeth x 2 & 17 teeth; 12 teeth x 2 & 25 teeth)
- 1 x MT-C03 (Multiple pipette compatible 23 teeth, Prep 1 & Marker 2, Prep 2 & Marker 2; 6 teeth x 2 for mini gel & 12 teeth for midi gel)
- 1 x Black & red electrophoresis cable



MJ-C01

MT-C03



	Cat. No.	Tooth Thickness	Tooth Width	Sample Volume for a 5mm thick gel (ul)
A	MJ-C01	1.0mm	4.0mm	20
B	MJ-C01	1.5mm	2.8mm	21
C	MT-C03	1.0mm	36.0mm	180
D	MT-C03	1.0mm	17.0mm	85
E	MT-C03	1.0mm	3.0mm	15
F	MT-C03	1.0mm	6.0mm	30
G	MT-C03	1.0mm	6.5mm	32.5

Specification

Cat. No	MJ-105A	MT-108
Appearance	Transparent tank & transparent lid	Snow tank & transparent lid
Material	PC (Polycarbonate)	
Lid Material	PC (Polycarbonate)	AS (Acrylonitrile-Styrene Copolymer)
Temperature Capacity	130°C	
Transparent Lid	Safety ventilation design	
Gel Dimension (WxL)	4.2"x2.4" (107x60mm)	4.1"x3.3" (105x83mm)
	2.1"x2.4" (52x60mm)	2"x3.3" (50x83mm)
Tray	Black well-visualization strip	
	Migration distance index line	
	Agarose level, 0.2" (5mm)	
Rapid Casting Gel	Use gel maker stand	
Maximum Gel Thickness	0.39" (10mm)	
Maximum Sample	25 samples	
Buffer Volume	0.05gal (200ml)	0.11gal (400ml)
Operating Temperature	4 - 40°C	
Dimension (WxLxH)	5.8"x5.7"x2.3" (148.3x145.8x59.1mm)	5.4"x7.4"x2.3" (136x188x58mm)
Weight	Approx. 1.1lb (0.5kg)	Approx. 1.5lb (0.7kg)

Accessories

Cat. No	Product Description
MJ-105A Accessories	
MJ-B01-A	Transparent tank and lid, without accessories
MJ-LID-AM580	580nm amber filter lid with fan, suitable for MJ-105A
MBE-LID-AM580	An inclined 580nm amber filter, suitable for MBE-200 and MBE-300
MJ-G01	Gel maker stand
MJ-T01	52x60mm Tray
MJ-T02	107x60mm Tray
MJ-C01	Analytical comb (8 teeth x 2 for mini gel & 17 teeth for midi gel (thickness: 1.0mm), 12 teeth x 2 for mini gel & 25 teeth for midi gel (thickness: 1.5mm))
MT-C03	Analytical comb 1.0mm-thick (multiple pipette compatible 23 teeth, Prep 1 & Maker 2, Prep 2 & Maker 2 on one side; 6 teeth x 2 for mini gel & 12 teeth for midi gel on the other side)
MBE-150-CABLE	Threaded Black and Red Electrophoresis Cable
MJ-CASTER-C	2 x MJ-G01; 4 x MJ-T01; 2 x MJ-T02; 1 x MJ-C01 and 1 x MT-C03
MBE-HOOD	Synthetic paper hood
MT-108 Accessories	
MT-B01	Wide Mini Tank and lid, without accessories
MT-G01	Gel maker stand
MT-T01	105x83mm Tray
MT-T02	50x83mm Tray
MJ-C01	Analytical Comb (8 teeth x 2 for mini gel & 17 teeth for midi gel (thick: 1.0mm), 12 teeth x 2 for midi gel & 25 teeth for midi gel (thick: 1.5mm))
MT-C03	Analytical Comb 1.0mm-thick (multiple pipette compatible 23 teeth, Prep 1 & Maker 2, Prep 2 & Maker 2 on one side; 6 teeth x 2 for mini gel & 12 teeth for midi gel on the other side)
MT-P01	Electrophoresis Cable (black and red) for MT-108 only
MT-CASTER-C	1 x MT-G01; 1 x MT-T01; 2 x MT-T02; 1 x MJ-C01 and 1 x MT-C03

Ordering Information

Cat. No	Product Description
MJ-105A	Transparent Mini Horizontal Electrophoresis System
MT-108	Wide Mini Horizontal Electrophoresis System



MJ-105A + MP-100



MJ-105A + MP-100 + MBE-300



MT-108 + MP-100



MJ-105A + MBE-300



MBE-HOOD



MJ-LID-AM580



MBE-LID-AM580



MJ-C01



MT-C03



MBE-150-CABLE



MJ-B01-A



MJ-G01



MJ-T01



MJ-T02



MT-CASTER-C



MT-B01



MT-G01



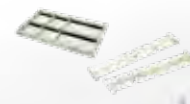
MT-T01



MT-T02



MT-P01



MJ-CASTER-C

* All images are for reference only, actual products might differ from the pictures above.
* Technical specifications subject to change without notice.

Midi plus / plus-1 / plus-2 Horizontal Electrophoresis System

ME7-7-10
ME10-7-10
ME15-7-10-15

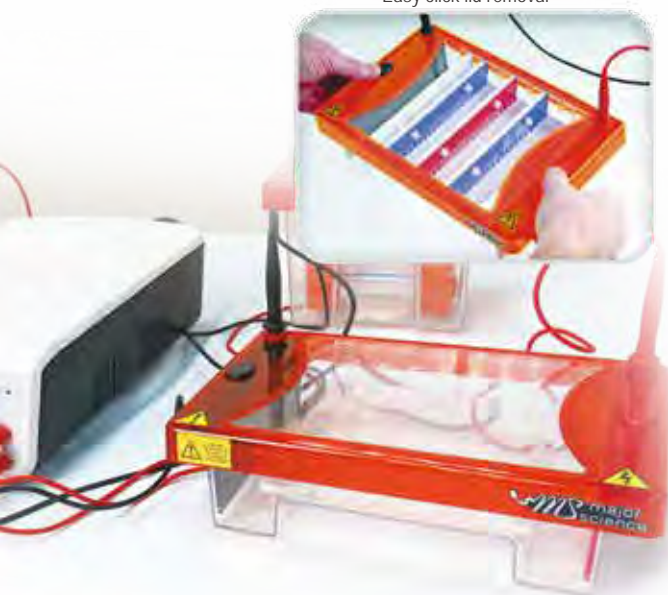
Our Midi series have been designed for routine horizontal gel electrophoresis with wide degrees of versatility. All of our gel tanks are made from injection molded construction for durable and leak proof environment. Varieties of special combs are available to maximize your sample size.

Midi plus includes the 70x70 and 70x100mm gel trays for a maximum of 64 samples, designed for low to medium numbers of samples.

Midi plus-1 includes 100x70 and 100x100mm gel tray to allow 100 samples per gel to be resolved. Ideal for those routinely check medium numbers of samples over short to medium gel run lengths.

The Midi plus-2 system provides three sizes of trays to maximize your sample size, 150x70, 150x100, 150x150mm. Midi plus-2 allows up to 210 samples per run per gel.

Easy click lid removal



Features

- Low buffer consumption
- Single molded tank
- Two tray options available (ME7-7-10, ME10-7-10)
- Three tray options available (ME15-7-10-15)
- Easy sample loading
- Multi-channel pipette compatible
- Great indications for gel making and running
- No tape, clamps or springs needed



ME7-7-10

CE

ME7-7-10 is offered as a complete system for the user to cast, and run electrophoresis. including:

- 1 x Electrophoresis tank & lid
- 1 x ME7-UV7 (70x70mm UV tray)
- 1 x ME7-UV10 (70x100mm UV tray)
- 2 x ME7-8-1 (8 sample combs, 1mm thick)
- 1 x ME7-UVDAM (UV tray dams, 2pcs)
- 1 x ME7-LG (Loading guides (Set))
- 1 x Black & red electrophoresis cable



ME10-7-10

CE

ME10-7-10 is offered as a complete system for the user to cast, and run electrophoresis. including:

- 1 x Electrophoresis tank & lid
- 1 x ME10-UV7 (100x70mm UV tray)
- 1 x ME10-UV10 (100x100mm UV tray)
- 2 x ME10-16-1 (16 sample combs, 1mm thick)
- 1 x ME10-UVDAM (UV tray dams, 2pcs)
- 1 x ME10-LG (Loading guides (Set))
- 1 x Black & red electrophoresis cable



ME15-7-10-15

CE

ME15-7-10-15 is offered as a complete system for the user to cast, and run electrophoresis. including:

- 1 x Electrophoresis tank & lid
- 1 x ME15-UV7 (150x70mm UV tray)
- 1 x ME15-UV10 (150x100mm UV tray)
- 1 x ME15-UV15 (150x150mm UV tray)
- 2 x ME15-20-1 (20 sample combs, 1mm thick)
- 1 x ME15-UVDAM (UV tray dams, 2pcs)
- 1 x ME15-LG (Loading guides (Set))
- 1 x Black & red electrophoresis cable

Specification

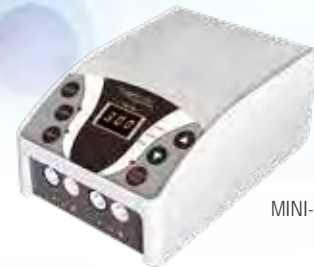
Cat. No.	ME7-7-10	ME10-7-10	ME15-7-10-15
Dimension (WxLxH)	8.3"x3.5"x3.5" (210x90x90mm)	8.7"x4.9"x3.5" (220x125x90mm)	10.4"x6.9"x3.5" (265x175x90mm)
Gel Dimension (WxL)	2.8"x2.8" (70x70mm) 2.8"x3.9" (70x100mm)	3.9"x2.8" (100x70mm) 3.9"x3.9" (100x100mm)	5.9"x2.8" (150x70mm) 5.9"x3.9" (150x100mm) 5.9"x5.9" (150x150mm)
Maximum Sample	32 for 2.8"x2.8" (70x70mm) Tray (2x16 sample combs)	50 for 3.9"x2.8" (100x70mm) Tray (2x25 sample combs)	70 for 5.9"x2.8" (150x70mm) Tray (2x35 sample combs)
	64 for 2.8"x3.9" (70x100mm)Tray (4x16 sample combs)	100 for 3.9"x3.9" (100x100mm) Tray (4x25 sample combs)	140 for 5.9"x3.9" (150x100mm) Tray (4x35 sample combs)
			210 for 5.9"x5.9" (150x150mm) Tray (6x35 sample combs)
Buffer Volume	0.06gal (225ml)	0.08gal (300ml)	0.13gal (500ml)
Construction	Injection molded construction		
	Durable, leak proof environment for complete safety and long life		
Cassette Type Electrode	Inexpensive, easy to replace		
	Made of 99.99% corrosion resistant pure platinum		
Electrical Safety	Lid can only be fastened in one way		
	Upon lid removal, power is disconnected from buffer chamber		
Rapid Casting Gel	Use casting dams		

Ordering Information

Cat. No.	Product Description
ME7-7-10	Midi plus, 70x70mm & 70x100mm UV tray, 2x8 sample 1mm thick combs, loading guides and dams
ME7-UV7	Midi plus, 70x70mm UV tray
ME7-UV10	Midi plus, 70x100mm UV tray
ME7-UVS	70mm UV gel scoop
ME7-UVDAM	Midi plus, UV tray dams (2 pcs)
ME7-LG	Loading Guides
ME7LID	Midi plus lid (No cables)
ME7TANK	Midi plus Tank (including electrodes)
ME7-BSB	Buffer Saver Blocks for Midi plus, package of 2
ME10-7-10	Midi plus-1, 100x70mm & 100x100mm UV tray, 2x16 sample 1mm thick combs, loading guides and dams
ME10-UV7	Midi plus-1, 100x70mm UV tray
ME10-UV10	Midi plus-1, 100x100mm UV tray
ME10-UVS	100mm UV gel scoop
ME10-UVDAM	Midi plus-1, UV tray dams (2 pcs)
ME10-LG	Loading Guides for Midi Plus-1
ME10LID	Midi plus-1 lid (No cables)
ME10TANK	Midi plus-1 Tank (including electrodes)
ME10-BSB	Midi plus-1 buffer saving block, save up to 100ml, 2/pk
ME7/10-FC	Midi plus/Midi plus-1, Flexicaster
ME15-7-10-15	Midi plus-2, 150x70, 100 & 150mm UV tray, 2x20 sample 1mm thick combs, loading guides and dams
ME15-UV7	Midi plus-2, 150x70mm UV tray
ME15-UV10	Midi plus-2, 150x100mm UV tray
ME15-UV15	Midi plus-2, 150x150mm UV tray
ME15/20-FC	Midi plus-2/Maxi, Flexicaster
ME15-UVS	150mm UV gel scoop
ME15-UVDAM	Midi plus-2, UV tray dams (2 pcs)
ME15-LG	Loading Guides for Midi plus-2
ME15LID	Midi plus-2, lid (No cables)
ME15TANK	Midi plus-2 Tank (including electrodes)
ME15-BSB	Midi plus-2, saver blocks, pk/2



Casting dams allow gels to be rapidly cast



MINI-300

Recommended economic power supply

For ME7-7-10

Cat. No.	Comb Description	Sample Volume
ME7-1-0.75	Prep 1, Marker 1, 0.75mm thick	152ul
ME7-2-0.75	Prep 2, Marker 2, 0.75mm thick	68ul
ME7-4-0.75	Prep 4, Marker 2, 0.75mm thick	36ul
ME7-8MC-0.75	8 sample MC, 0.75mm thick	8ul
ME7-8-0.75	8 sample, 0.75mm thick	19ul
ME7-10-0.75	10 sample, 0.75mm thick	14ul
ME7-12MC-0.75	12 sample MC, 0.75mm thick	10ul
ME7-16-0.75	16 sample, 0.75mm thick	7ul

Cat. No.	Comb Description	Sample Volume
ME7-1-1.5	Prep 1, Marker 1, 1.5mm thick	304ul
ME7-2-1.5	Prep 2, Marker 2, 1.5mm thick	135ul
ME7-4-1.5	Prep 4, Marker 2, 1.5mm thick	72ul
ME7-8MC-1.5	8 sample MC, 1.5mm thick	17ul
ME7-8-1.5	8 sample, 1.5mm thick	37ul
ME7-10-1.5	10 sample, 1.5mm thick	27ul
ME7-12MC-1.5	12 sample MC, 1.5mm thick	20ul
ME7-16-1.5	16 sample, 1.5mm thick	15ul

ME7-1-1	Prep 1, Marker 1, 1mm thick	203ul
ME7-2-1	Prep 2, Marker 2, 1mm thick	90ul
ME7-4-1	Prep 4, Marker 2, 1mm thick	48ul
ME7-8MC-1	8 sample MC, 1mm thick	11ul
ME7-8-1	8 sample, 1mm thick	25ul
ME7-10-1	10 sample, 1mm thick	18ul
ME7-12MC-1	12 sample MC, 1mm thick	14ul
ME7-16-1	16 sample, 1mm thick	10ul

ME7-1-2	Prep 1, Marker 1, 2mm thick	405ul
ME7-2-2	Prep 2, Marker 2, 2mm thick	180ul
ME7-4-2	Prep 4, Marker 2, 2mm thick	96ul
ME7-8MC-2	8 sample MC, 2mm thick	23ul
ME7-8-2	8 sample, 2mm thick	50ul
ME7-10-2	10 sample, 2mm thick	36ul
ME7-12MC-2	12 sample MC, 2mm thick	27ul
ME7-16-2	16 sample, 2mm thick	20ul



Fast fix slot electrodes, no need rewiring



Complete package offers as standard

For ME10-7-10

Cat. No.	Comb Description	Sample Volume
ME10-1-0.75	Prep 1, Marker 1, 0.75mm thick	270ul
ME10-2-0.75	Prep 2, Marker 2, 0.75mm thick	118ul
ME10-4-0.75	Prep 4, Marker 2, 0.75mm thick	57ul
ME10-8-0.75	8 sample, 0.75mm thick	30ul
ME10-10MC-0.75	10 sample MC, 0.75mm thick	20ul
ME10-12-0.75	12 sample, 0.75mm thick	17ul
ME10-16-0.75	16 sample, 0.75mm thick	12ul
ME10-20MC-0.75	20 sample MC, 0.75mm thick	10ul
ME10-25-0.75	25 sample, 0.75mm thick	7ul

Cat. No.	Comb Description	Sample Volume
ME10-1-1.5	Prep 1, Marker 1, 1.5mm thick	540ul
ME10-2-1.5	Prep 2, Marker 2, 1.5mm thick	236ul
ME10-4-1.5	Prep 4, Marker 2, 1.5mm thick	115ul
ME10-8-1.5	8 sample, 1.5mm thick	61ul
ME10-10MC-1.5	10 sample MC, 1.5mm thick	41ul
ME10-12-1.5	12 sample, 1.5mm thick	34ul
ME10-16-1.5	16 sample, 1.5mm thick	24ul
ME10-20MC-1.5	20 sample MC, 1.5mm thick	20ul
ME10-25-1.5	25 sample, 1.5mm thick	15ul

ME10-1-1	Prep 1, Marker 1, 1mm thick	360ul
ME10-2-1	Prep 2, Marker 2, 1mm thick	158ul
ME10-4-1	Prep 4, Marker 2, 1mm thick	77ul
ME10-8-1	8 sample, 1mm thick	41ul
ME10-10MC-1	10 sample MC, 1mm thick	27ul
ME10-12-1	12 sample, 1mm thick	23ul
ME10-16-1	16 sample, 1mm thick	16ul
ME10-20MC-1	20 sample MC, 1mm thick	14ul
ME10-25-1	25 sample, 1mm thick	10ul

ME10-1-2	Prep 1, Marker 1, 2mm thick	720ul
ME10-2-2	Prep 2, Marker 2, 2mm thick	315ul
ME10-4-2	Prep 4, Marker 2, 2mm thick	153ul
ME10-8-2	8 sample, 2mm thick	81ul
ME10-10MC-2	10 sample MC, 2mm thick	54ul
ME10-12-2	12 sample, 2mm thick	45ul
ME10-16-2	16 sample, 2mm thick	32ul
ME10-20MC-2	20 sample MC, 2mm thick	27ul
ME10-25-2	25 sample, 2mm thick	20ul

*Sample volume (SV) = sample volume per well, for 5 mm thick gel (ul)

For ME15-7-10-15

Cat. No.	Comb Description	Sample Volume
ME15-1-0.75	Prep 1, Marker 1, 0.75mm thick	371ul
ME15-2-0.75	Prep 2, Marker 2, 0.75mm thick	169ul
ME15-4-0.75	Prep 4, Marker 2, 0.75mm thick	91ul
ME15-10-0.75	10 sample, 0.75mm thick	34ul
ME15-12-0.75	12 sample, 0.75mm thick	30ul
ME15-20-0.75	20 sample, 0.75mm thick	16ul
ME15-35-0.75	35 sample, 0.75mm thick	7ul
ME15-10MC-0.75	10 sample MC, 0.75mm thick	22ul
ME15-14MC-0.75	14 sample MC, 0.75mm thick	22ul
ME15-16MC-0.75	16 sample MC, 0.75mm thick	20ul
ME15-18MC-0.75	18 sample MC, 0.75mm thick	8ul
ME15-28MC-0.75	28 sample MC, 0.75mm thick	8ul
ME15-30MC-0.75	30 sample MC, 0.75mm thick	9ul

ME15-1-1	Prep 1, Marker 1, 1mm thick	495ul
ME15-2-1	Prep 2, Marker 2, 1mm thick	225ul
ME15-4-1	Prep 4, Marker 2, 1mm thick	122ul
ME15-10-1	10 sample, 1mm thick	45ul
ME15-12-1	12 sample, 1mm thick	41ul
ME15-20-1	20 sample, 1mm thick	21ul
ME15-35-1	35 sample, 1mm thick	10ul
ME15-10MC-1	10 sample MC, 1mm thick	29ul
ME15-14MC-1	14 sample MC, 1mm thick	29ul
ME15-16MC-1	16 sample MC, 1mm thick	27ul
ME15-18MC-1	18 sample MC, 1mm thick	11ul
ME15-28MC-1	28 sample MC, 1mm thick	11ul
ME15-30MC-1	30 sample MC, 1mm thick	13ul

Cat. No.	Comb Description	Sample Volume
ME15-1-1.5	Prep 1, Marker 1, 1.5mm thick	743ul
ME15-2-1.5	Prep 2, Marker 2, 1.5mm thick	338ul
ME15-4-1.5	Prep 4, Marker 2, 1.5mm thick	182ul
ME15-10-1.5	10 sample, 1.5mm thick	68ul
ME15-12-1.5	12 sample, 1.5mm thick	61ul
ME15-20-1.5	20 sample, 1.5mm thick	32ul
ME15-35-1.5	35 sample, 1.5mm thick	15ul
ME15-10MC-1.5	10 sample MC, 1.5mm thick	44ul
ME15-14MC-1.5	14 sample MC, 1.5mm thick	44ul
ME15-16MC-1.5	16 sample MC, 1.5mm thick	41ul
ME15-18MC-1.5	18 sample MC, 1.5mm thick	17ul
ME15-28MC-1.5	28 sample MC, 1.5mm thick	17ul
ME15-30MC-1.5	30 sample MC, 1.5mm thick	19ul

ME15-1-2	Prep 1, Marker 1, 2mm thick	990ul
ME15-2-2	Prep 2, Marker 2, 2mm thick	450ul
ME15-4-2	Prep 4, Marker 2, 2mm thick	243ul
ME15-10-2	10 sample, 2mm thick	90ul
ME15-12-2	12 sample, 2mm thick	81ul
ME15-20-2	20 sample, 2mm thick	43ul
ME15-35-2	35 sample, 2mm thick	20ul
ME15-10MC-2	10 sample MC, 2mm thick	59ul
ME15-14MC-2	14 sample MC, 2mm thick	59ul
ME15-16MC-2	16 sample MC, 2mm thick	54ul
ME15-18MC-2	18 sample MC, 2mm thick	23ul
ME15-28MC-2	28 sample MC, 2mm thick	23ul
ME15-30MC-2	30 sample MC, 2mm thick	25ul



Extensive range of combs
 Black: 0.75mm for ultra resolved bands
 White: 1mm supplied as standard
 Red: 1.5mm for large sample volume
 Blue: 2mm for large sample volume

*Sample volume (SV) = Sample volume for 5mm thick gel (ul) per well.



MC = Multi-channel pipette compatible

* All images are for reference only, actual products might differ from the pictures above.
 * Technical specifications subject to change without notice.

Maxi Horizontal Gel Electrophoresis System

ME20 series ME26-16-24-32

For ME20 series

Maxi is primarily designed for resolution of high throughput of samples as in cloning or PCR experiments. Maxi allows ultra high-resolution separations over extended runs. Tray sizes correspond to standard blotter sizes. It also allows for easy sample transfer onto a membrane for further analysis. Three tray sizes are available, 200x200mm, 200x250mm and 200x100mm. Multi-channel pipette compatible combs for up to 40 samples each facilitate speedy loading of up to 440 samples per gel. 50 sample combs (not multi-channel pipette compatible) allow maximum sample capability of 550 samples per gel.

For ME26-16-24-32

Maxi-plus is designed for rapid screening of very large numbers of cloning or PCR samples, and it has the maximum capacity of 672 samples per gel. This allows loading and analysis of exactly seven 96 well format microliter plates. The large gel run length of 320mm also allows resolution of samples over a long distance for separation of complex sample bands such as in restriction fragment analysis. Maxi-plus is available with a full length tray of 260x320mm or with two other tray length options of 260x160mm and 260x240mm so that user's exact requirements can be met. In addition to options for single length gel trays, Maxi-plus is available with all three gel tray lengths to provide the maximum flexibility, versatility and value. Buffer recirculation ports are included as standard to allow enhanced resolution over extended runs, while loading guides enhance visibility for easy sample loading.

Features

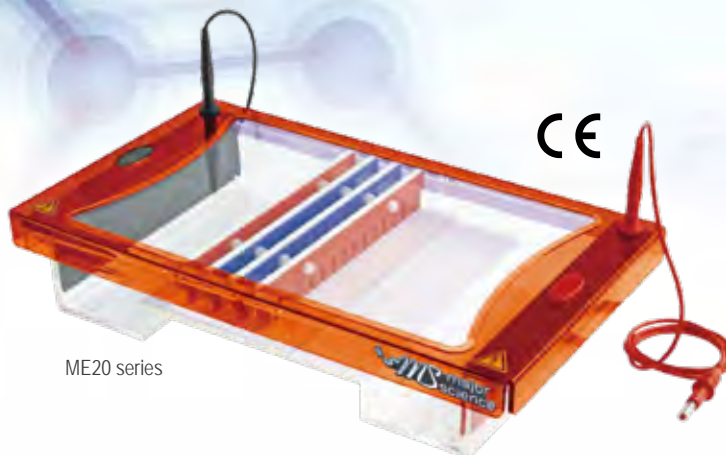
- Low buffer consumption
- Multi-channel pipette compatibility
- Great indications for gel making and running
- No tape, clamps or springs needed

For ME20 series additional features

- Up to 450 samples per tray

For ME26-16-24-32 additional features

- Up to 672 samples per tray
- Three tray options available



ME20 series

ME20 series is offered as a complete system for the user to cast, and run electrophoresis. including:

- 1 x Electrophoresis tank & lid
- 1 x ME20-UV10 (200x100mm UV tray)
- 1 x ME20-UV20 (200x200mm UV tray)
- 1 x ME20-UV25 (200x250mm UV tray, for ME20-25 only)
- 2 x ME20-20MC-1 (20 sample combs, 1mm thick)
- 1 x ME20-UV DAM (UV tray dams, 2pcs)
- 1 x ME20-LG (Loading guides (Set))
- 1 x Black & red electrophoresis cable



ME26-16-24-32

ME26-16-24-32 is offered as a complete system for the user to cast, and run electrophoresis. including:

- 1 x Electrophoresis tank & lid
- 1 x ME26-UV16 (260x160mm UV tray)
- 1 x ME26-UV24 (260x240mm UV tray)
- 1 x ME26-UV32 (260x320mm UV tray)
- 6 x ME26-28MC-1 (28 sample combs, 1mm thick)
- 1 x ME26-LG (Loading guides (Set))
- 1 x Black & red electrophoresis cable
- 1 x Flexi caster



All combs are multichannel pipette compatible



Loading guides allow easy well identification and sample loading

Specification

Cat. No.	ME20-10-20	ME20-25	ME26-16-24-32
Dimension (WxLxH)	15.6"x9.1"x3.5" (395x230x90mm)		19.7"x11"x3.5" (500x280x90mm)
Gel Dimension (WxL)	7.9"x3.9" (200x100mm) 7.9"x7.9" (200x200mm) 7.9"x9.8" (200x250mm)(Optional)	7.9"x9.8" (200x250mm)	10.2"x6.3" (260x160mm) 10.2"x9.5" (260x240mm) 10.2"x12.6" (260x320mm)
Maximum Sample	200 for 7.9"x3.9" (200x100mm) Tray (4x50 sample combs) 450 for 7.9"x7.9" (200x200mm) Tray (9x50 sample combs)	550 for 7.9"x9.8" (200x250mm) Tray (11x50 sample combs)	336 for 10.2"x6.3" (260x160mm) Tray (6x56 sample combs) 504 for 10.2"x9.5" (260x240mm) Tray (9x56 sample combs) 672 for 10.2"x12.6" (260x320mm) Tray (12x56 sample combs)
Buffer Volume	0.32gal (1200ml)		0.37gal (1400ml)
Construction	Injection molded construction		N /A
	Durable, leak proof environment for complete safety and long life		N /A
Cassette Type Electrode	Inexpensive, easy to replace		
	Made of 99.99% corrosion resistant pure platinum		
Electrical Safety	Lid can only be fastened in one way		
	Upon lid removal, power is disconnected from buffer chamber		
Rapid Casting Gel	Use casting dams		Use flexible caster

Ordering Information

Cat. No.	Product Description	Cat. No.	Product Description
ME20-10-20	Maxi, 200x100 & 200x200mm UV tray, 2x20 sample combs	ME26-16-24-32	Maxi-plus 260x160mm, 260x240mm, 260x320mm UV tray, 6x28 sample combs
ME20-25	Maxi, 200x250mm UV tray, 2x20 sample combs	ME26-UV16	Maxi plus, 260x160mm UV tray
ME20-UV10	Maxi, 200x100mm UV tray	ME26-UV24	Maxi plus, 260x240mm UV tray
ME20-UV20	Maxi, 200x200mm UV tray	ME26-UV32	Maxi plus, 260x320mm UV tray
ME20-UV25	Maxi, 200x250mm UV tray	ME26-FC	Flexible caster for gels up to 320mm. Casts 70, 100, 150,160, 200, 240 and 320mm long gels
ME15/20-FC	Midi plus-2/Maxi, Flexicaster	ME26-UVS	260mm UV gel scoop
ME20-UVS	200mm UV gel scoop	ME26-LG	Loading Guides for Maxi-plus
ME20-UVDAM	Maxi, UV tray dams (2 pcs)	ME26LID	Maxi-plus lid (No cables)
ME20-LG	Loading Guides for Maxi	ME26TANK	Maxi-plus Tank (including electrodes)
ME20LID	Maxi lid (No cables)		
ME20TANK	Maxi Tank (including electrodes)		

Accessories

Cat. No	Comb Description	Sample Volume	Cat. No	Comb Description	Sample Volume
ME20-1-0.75	Prep 1, Marker 1, 0.75mm thick	506ul	ME20-16-1.5	16 sample, 1.5mm thick	61ul
ME20-2-0.75	Prep 2, Marker 2, 0.75mm thick	236ul	ME20-20MC-1.5	20 sample MC, 1.5mm thick	41ul
ME20-4-0.75	Prep 4, Marker 2, 0.75mm thick	115ul	ME20-25-1.5	25 sample, 1.5mm thick	32ul
ME20-10-0.75	10 sample, 0.75mm thick	54ul	ME20-30-1.5	30 sample, 1.5mm thick	26ul
ME20-16-0.75	16 sample, 0.75mm thick	30ul	ME20-36-1.5	36 sample, 1.5mm thick	22ul
ME20-20MC-0.75	20 sample MC, 0.75mm thick	20ul	ME20-40MC-1.5	40 sample MC, 1.5mm thick	17ul
ME20-25-0.75	25 sample, 0.75mm thick	16ul	ME20-50-1.5	50 sample, 1.5mm thick	16ul
ME20-30-0.75	30 sample, 0.75mm thick	13ul			
ME20-36-0.75	36 sample, 0.75mm thick	11ul	ME20-1-2	Prep 1, Marker 1, 2mm thick	1350ul
ME20-40MC-0.75	40 sample MC, 0.75mm thick	8ul	ME20-2-2	Prep 2, Marker 2, 2mm thick	630ul
ME20-50-0.75	50 sample, 0.75mm thick	8ul	ME20-4-2	Prep 4, Marker 2, 2mm thick	306ul
			ME20-10-2	10 sample, 2mm thick	144ul
ME20-1-1	Prep 1, Marker 1, 1mm thick	675ul	ME20-16-2	16 sample, 2mm thick	81ul
ME20-2-1	Prep 2, Marker 2, 1mm thick	315ul	ME20-20MC-2	20 sample MC, 2mm thick	54ul
ME20-4-1	Prep 4, Marker 2, 1mm thick	153ul	ME20-25-2	25 sample, 2mm thick	42ul
ME20-10-1	10 sample, 1mm thick	72ul	ME20-30-2	30 sample, 2mm thick	34ul
ME20-16-1	16 sample, 1mm thick	41ul	ME20-36-2	36 sample, 2mm thick	29ul
ME20-20MC-1	20 sample MC, 1mm thick	27ul	ME20-40MC-2	40 sample MC, 2mm thick	23ul
ME20-25-1	25 sample, 1mm thick	21ul	ME20-50-2	50 sample, 2mm thick	21ul
ME20-30-1	30 sample, 1mm thick	17ul			
ME20-36-1	36 sample, 1mm thick	14ul	ME26-28MC-0.75	28 sample MC, 0.75mm thick	25ul
ME20-40MC-1	40 sample MC, 1mm thick	11ul	ME26-56MC-0.75	56 sample MC, 0.75mm thick	10ul
ME20-50-1	50 sample, 1mm thick	10ul	ME26-28MC-1	28 sample MC, 1mm thick	34ul
			ME26-56MC-1	56 sample MC, 1mm thick	14ul
ME20-1-1.5	Prep 1, Marker 1, 1.5mm thick	1013ul	ME26-28MC-1.5	28 sample MC, 1.5mm thick	51ul
ME20-2-1.5	Prep 2, Marker 2, 1.5mm thick	473ul	ME26-56MC-1.5	56 sample MC, 1.5mm thick	20ul
ME20-4-1.5	Prep 4, Marker 2, 1.5mm thick	230ul	ME26-28MC-2	28 sample MC, 2mm thick	68ul
ME20-10-1.5	10 sample, 1.5mm thick	108ul	ME26-56MC-2	56 sample MC, 2mm thick	27ul

* All images are for reference only, actual products might differ from the pictures above.
* Technical specifications subject to change without notice.



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