

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

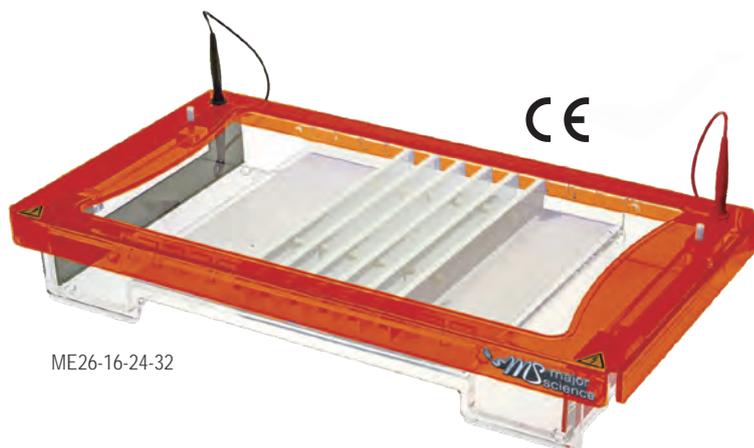
- Up to 672 samples per tray
- Three tray options available



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



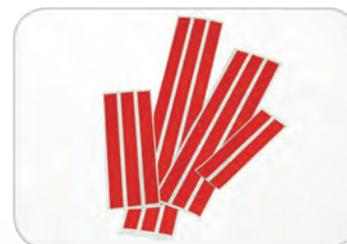
ME26-16-24-32

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.