

# Wide Mini Horizontal Gel Electrophoresis System

MT-108 Horizontal Cell offers many advantages for nucleic acid separation. Agarose gels are easy to cast and samples are easy to be loaded. MT-108's longer tray allows running bigger fragments and the better separation. Its molded design prevents cracks or leakages, and its sturdy PC provides up to 130°C temperature capacity. A safety interlock cover is designed to prevent electrical hazards during electrophoresis. 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.

This product is offered as a complete system for the user to cast, and run electrophoresis, including:

1 x Electrophoresis Tank & Cover

1 x MT-G01 (Gel Maker Stand)

1 x MT-T01 (105 x 83mm Tray)

2 x MT-T02 (50 x 83mm Tray)

1 x MJ-C01 ( Double Size 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 on one side;  
6 teeth x 2 for mini gel & 12 teeth for midi gel on the other side)

1 x Black & Red Power Cord



Cat. No. :MT-108

## Features

- >Less Agarose consumption
- >Less running buffer consumption
- >Multichannel pipette-compatible
- >Single molded tank
- >Two tray options available
- >Safety & Ventilation lid
- >Cast 3 pcs of agarose gel in one time
- >No direct heat impact from power supply unit
- >High temperature capability, 130°C
- >Easy sample loading
- >Great indications for gel making and running
- >No tapes, clamps or springs needed for gel casting



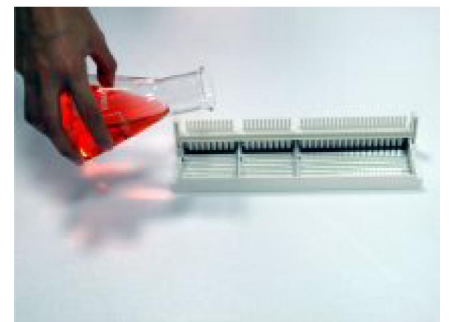
*- Molded tank*



*- Separated power supply and electrophoresis system*



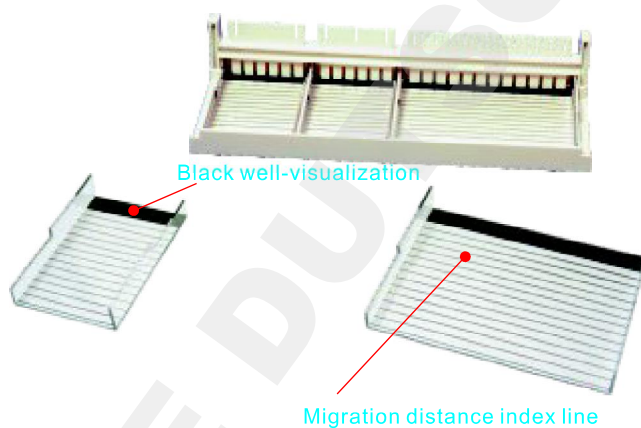
## Gel casting steps



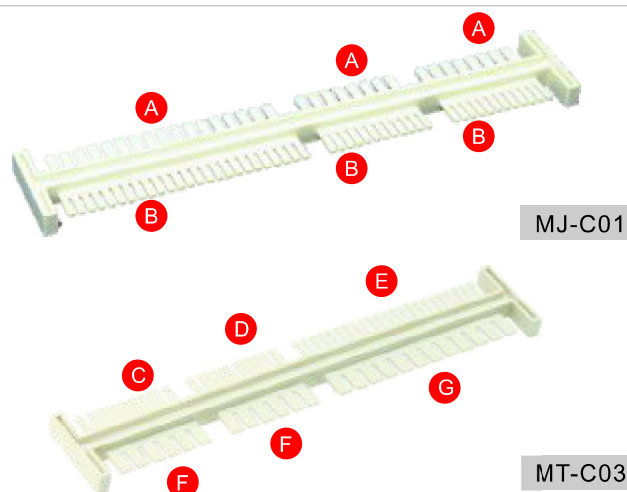
**Specification**

**MT-108**

Construction	PC (Polycarbonate)
Temperature Capacity	130°C
Unit Dimension (W x D x H)	136 x 188 x 58mm
Gel Dimension (W x L)	105 x 83mm
	50 x 83mm
Maximum Gel Thickness	10mm
Maximum Sample	25 samples
Buffer Volume	400ml
Lid	Safety and ventilation
Tray	Black well-visualization strip Migration distance index line
Rapid Casting Gel	Use gel maker stand



	Cat. No.	Tooth thickness	Tooth wide	Sample volume for a 5mm thick gel ( $\mu$ l)
A	MJ-C01	1.0mm	4.0mm	20
B	MJ-C01	1.5mm	2.8mm	21
C	MT-C03	1.0mm	36mm	180
D	MT-C03	1.0mm	17mm	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





### Ordering Information

MT-108 Wide Mini Horizontal Electrophoresis System

#### One electrophoresis packages

MT-100P Package of MT-108 and MP-100

MT-150VS Package of MT-108 and Smart Minis 150V

MT-150VP Package of MT-108 and Pink Minis 150V

#### Dual electrophoresis packages

MJST-150VS Package of MJ-105-S & MT-108 and Smart Minis150V

MJST-150VP Package of MJ-105-S & MT-108 and Pink Minis150V

MJRT-150VS Package of MJ-105-R & MT-108 and Smart Minis150V

MJRT-150VP Package of MJ-105-R & MT-108 and Pink Minis150V

MTT-150VS Package of 2 x MT-108 and Smart Minis 150V

MTT-150VP Package of 2 x MT-108 and Pink Minis 150V

MT-B01 Wide Mini Tank and lid, without accessories

MT-G01 Gel Maker Stand

MT-T01 105 x 83 mm Tray

MT-T02 50 x 83 mm 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 mini gel & 25 teeth for midi gel (thick: 1.5mm)

MT-C03 Analytical Comb 1.0mm-thick

( multiple pipette teeth, Prep 1 & Marker 2, Prep 2 & Marker 2 on one side; 6 teeth x

2 for mini gel & 12 teeth for midi gel on the other side)

MT-P01 Power Cord (Black & Red)

MT-Caster-C 1 x MT-G01; 1 x MT-T01; 2 x MT-T02; 1 x MJ-C01 and 1 x MT-C03

## Packages available



■ MT-100P



■ MT-150VS



■ MT-150VP



■ MJST-150VS



■ MJST-150VP



■ MJRT-150VS



■ MJRT-150VP



■ MTT-150VS



■ MTT-150VP



## Contact Information

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