



## Shorter Mini Horizontal Gel Electrophoresis System

# Shorter Mini Horizontal Gel Electrophoresis System

MJ-105 Horizontal Cell offers many advantages for nucleic acid separation. Agarose gels are easy to cast and samples are easy to be loaded. It is the most recognizable mini horizontal cell on the market, and two colors are offered for the better visual distinguishing. 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:

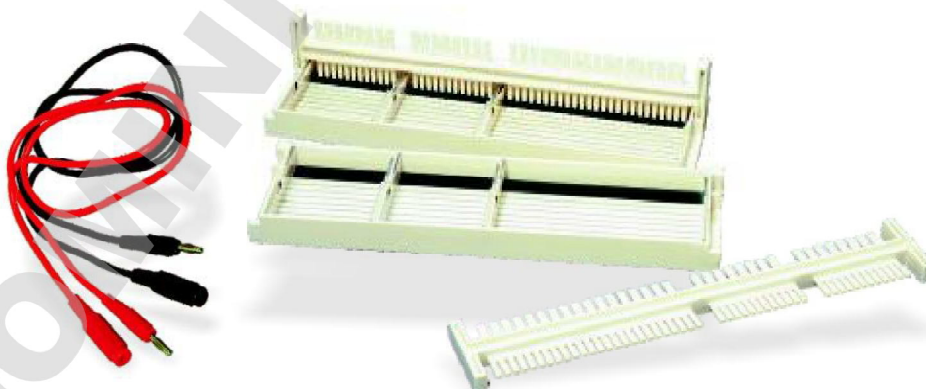
- 1 x Electrophoresis Tank & Cover
- 2 x MJ-G01 (Gel Maker Stand)
- 2 x MJ-T02 (107 x 60mm Tray)
- 4 x MJ-T01 (52 x 60mm Tray)
- 2 x MJ-C01 ( Double Size Comb: 8 teeth x 2 & 17 teeth, 12 teeth x 2 & 25 teeth)
- 1 x Black & Red Power Cord



Cat. No. :MJ-105-S



Cat. No. :MJ-105-R



## Features

- >Less Agarose consumption
- >Less running buffer consumption
- >Multichannel pipet-compatible
- >Single molded tank
- >Two tray options available
- >Two cell color options available
- >Safety & Ventilation lid
- >Contain 2 sets of gel maker stand
- >No direct heat impact from power supply unit
- >Cast 6 pcs of agarose gel in one time
- >High temperature capability, 130°C
- >Easy sample loading
- >Great indications for gel making and running
- >No tapes, clamps or springs needed for gel casting



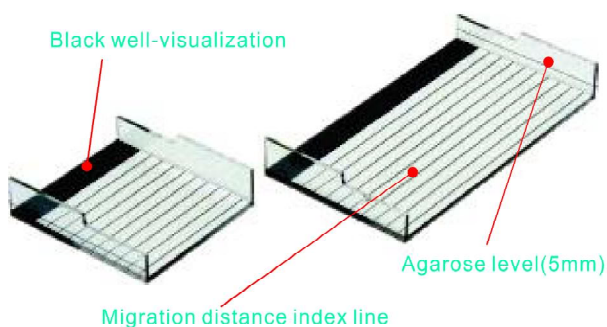
- Molded tank

- Separated power supply and electrophoresis system



## Gel casting steps





Both can be connected



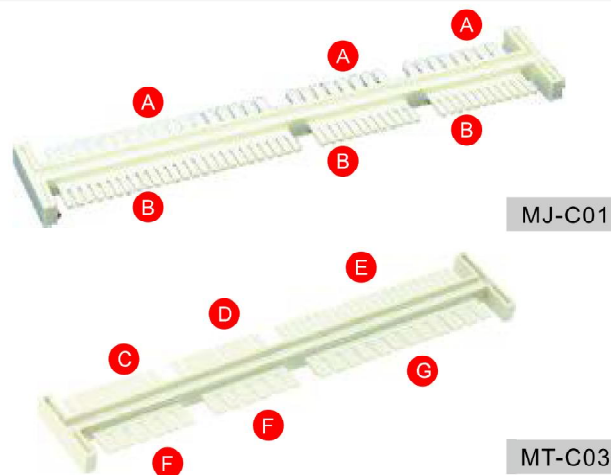
**Specification**

**MJ-105-S**

**MJ-105-R**

Appearance	Snow tank & transparent lid	Transparent red tank & lid
Construction	PC (Polycarbonate)	
Temperature Capacity	130°C	
Unit Dimension (W x D x H)	140 x 140 x 53mm	
Gel Dimension (W x L)	52 x 60mm	
	107 x 60mm	
Maximum Gel Thickness	10mm	
Maximum Sample	25 samples	
Buffer Volume	200ml	
Lid	Safety and ventilation	
Tray	Black well-visualization strip	
	Migration distance index line	
Rapid Casting Gel	Agarose level, 5mm	
	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

MJ-105-S	Snow Shorter Mini Horizontal Electrophoresis System
MJ-105-R	Red Shorter Mini Horizontal Electrophoresis System

### One electrophoresis packages

MJS-100P	Package of MJ-105-S and MP-100
MJS-150VS	Package of MJ-105-S and Smart Minis150V
MJS-150VP	Package of MJ-105-S and Pink Minis 150V

MJR-100P	Package of MJ-105-R and MP-100
MJR-150VS	Package of MJ-105-R and Smart Minis150V
MJR-150VP	Package of MJ-105-R and Pink Minis 150V

### Dual electrophoresis packages

MJSS-150VS	Package of 2 x MJ-105-S and Smart Minis150V
MJSS-150VP	Package of 2 x MJ-105-S and Pink Minis150V

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

MJSR-150VS	Package of MJ-105-S & MJ-105-R and Smart Minis150V
MJSR-150VP	Package of MJ-105-S & MJ-105-R and Pink Minis150V

MJRR-150VS	Package of 2 x MJ-105-R and Smart Minis150V
MJRR-150VP	Package of 2 x MJ-105-R 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

MJ-B01-S	Snow tank and lid, without accessories
MJ-B01-R	Red tank and lid, without accessories
MJ-G01	Gel Maker Stand
MJ-T01	52 x 60 mm Tray
MJ-T02	107 x 60 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 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)
MT-P01	Power Cord (Black & Red)
MJ-Caster-C	2 x MJ-G01; 4 x MJ-T01; 2 x MJ-T02 and 2 x MJ-C01





MJS-100P



MJSS-150VS



MJRR-150VS



MJS-150VS



MJSS-150VP



MJRR-150VP



MJS-150VP



MJST-150VS



MJRT-150VS



MJR-100P



MJST-150VP



MJRT-150VP



MJR-150VS



MJSR-150VS



MJR-150VP



MJSR-150VP



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