



Mupid One

Features

- Multichannel pipettor compatible: Mupid One System is wider than the original Mupid series and supports 13 or 26 lanes, enabling easy sample loading using multipipettors (9 mm pitch for 13 wells, 4.5 mm pitch for 26 wells).
- High throughput: Mupid One allows simultaneous electrophoresis of 104 samples in a single gel (26 wells x 4 rows permits 96 samples and 8 markers total).
- Voltage selection: Supports 7 conventional voltages (18V, 25V, 35V, 50V, 70V, 100V and 135V).
- Global input voltage compatibility: Variable input voltage of 100 to 240V supports worldwide use.
- Heat-resistant material: Liquid gel solution up to 100°C can be poured into the gel tray. Cleanup can be performed using boiling water.
- Long electrophoresis capable: Wide range of voltage controls improves buffer stability during electrophoresis
- Separate components: Separate and washable electrophoresis cell
- User safety: Main power cannot be operated without the lid in place.
- Compatibility: Gel casting sets of previous Mupid series are compatible with the Mupid One System
- Intuitive controls: Gel electrophoresis equipment uses "Timer", "Voltage Selector" and Run/Pause/Stop buttons

Components

One gel casting stand-HR (1)*

- Several comb-setting grooves are provided in the stand. Supports a maximum of four combs per gel. Comb position may be adjusted easily.

One-Gel Tray L-HR (1)*

- Accommodates up to four rows of wells (running length of 2.7 cm). Up to 104 samples (26 x 4) can be run simultaneously.

One-Gel Tray S-HR (2)* and center partition (1)*

- Used to cast gels with 13 or 26 sample wells.

One-Comb-HR (4)*

- Four combs can be used for L tray, whereas one comb can be used for S tray.

*Number in parentheses indicates number of pieces supplied with the chambers

Properties

Electrophoresis cell

- Overall dimensions: 183 mm (W) x 162 mm (L) x 59 mm (H)
- Sample volume: Approx. 270-320 mL (including gel tray and gel)
- Material: PPHOX
- Multi-sample: Multi-channel pipettor compatible

Safety Lid (1 unit)

- Overall dimensions: 197 mm (W) x 170 mm (L) x 38 mm (H)
- Safety Interlock System: Main power cannot be operated when lid is not in place

Power Supply (1 unit)

- Overall dimensions: 75 mm (W) x 170 mm (L) x 62 mm (H)
- Weight: 410 g
- Input voltage: AC100-240V, (Internationally compatible), 50/60 Hz
- Output voltage: 18V, 25V, 35V, 50V, 70V, 100V, and 135V (Constant peak voltage of 140V and duty control)
- Timer function: Can be set between 0-99 min. and continuous mode. Temporary shutdown supported.
- Memory function: Automatic memory (the last used V and T)

One-Gel trays

- Small gel tray: 130 mm (W) x 59.5 mm (L) x 16.5 mm (H)
- Large gel tray: 130 mm (W) x 122 mm (L) x 24 mm (H)
- Quantity: 2 small gel trays; 1 large gel tray
- Material: Heat-resistant material (liquid agarose solution at temperature up to 100°C can be poured directly into trays)

One-Comb-HR

- Multiple number of wells: 13-26 wells (13 wells: 9 mm spacing, 26 wells: 4.5 mm spacing)
- Quantity: 4 combs (supports making 13 or 26 wells)
- Material: Heat resistant materials (liquid agarose solution at temperature up to 100°C can be used)

One-Gel Casting Stand-HR makes 2 small gel trays or 1 large gel tray

- Overall dimensions: 140 mm (W) x 20 mm (H) x 125 mm (L)