Mupid®-One

<Specifications>

■ Electrophoresis Cell

Overall dimensions	183mm(W)x59mm(H)x162mm(L)
Material	PPHOX
Solution volume	Approx. 270-320 ml (includes gel tray and gel)
Multi-sample	Multi-channel pippete compatible

■ Safety Lid

Overall dimensions	197mm(W)x38mm(H)x170mm(L)
Safety interlock system	Without the lid, main power can not be operated.

■ Power Supply

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

■ One-Gel Trays

Overall dimensions of small gel tray	130mm(W) x 16.5mm(H) x 59.5mm(L)
Overall dimensions of large gel tray	130mm(W) x 24mm(H) x 122mm(L)
Quantity	2 small gel trays; 1 large gel tray
Material	Heat Registance Materials(Around 100℃ of Agarose available)

■ One-Comb-HR

Multiple number of wells	13 - 26 wells (13wells: 9mm spacing, 26wells: 4.5mm spacing)
Quantity	4 (supports making 13 or 26 wells)
Material	Heat Registance Materials(Around 100℃ of Agarose available)

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

Overall dimensions	140mm(W) x 20mm(H) x 125mm(L)
Material	Heat Registance Materials(Around 100℃ of Agarose available)

● This product is subject to change without notice. ● "Mupid" is a registered trademark of ADVANCE Co., LTD.

CE

⚠ **IMPORTANT**   To ensure safety, make sure you have thoroughly read the Instruction Manual before use.

ДИА•М   www.dia-m.ru
современная лаборатория   заказ on-line

Mupid®-One

CE

⏱ Multi Function Power Supply

■ Timer Function
■ 7 Kinds Of Output Voltages
■ Simple Operation
■ Grobal Input Voltage
■ Storage Of Set Values

▦ Multichannel Pipette Compatible

2 size trays are standard accessories and multi-sample can be applied into Large size gel.

Heat Resistant Gel Casting Units

Materials of Standard Cel Casting Set is heat resistant type and 100℃ Gel can be poured into this.

Easy Handling Cell

The separated from power supply and the drain system make easy handling.

▲ **ADVANCE**

Easy Operation,
Functional Design,
Satisfied Result.

Heat Resistant Gel Casting Set

Heat-Resistant Materials
1. Gel solution up to 100℃ can be poured into the Gel Tray. This makes gel casting time shorter.
2. Clean up the used Gel tray easily by boiling water.

Multichannel-pipette Compatible
Comb teeth pitch matches the multichannel-pipette, and *multi-sample applicable.
*The large gel tray can make up to 4 rows of wells (running length of 2.7 cm), so can handle up to 104 samples (26 x 4=104)

< Components >

One-Gel Casting Stand-HR(1)
Many combs setting grooves are provided in the stand. Supports a max. of 4 combs per gel with easy position change.

One-Gel Tray-L-HR(1)
It can make up to 4 rows of wells (running length of 2.7 cm), so can handle up to 104 samples (26 x 4=104).
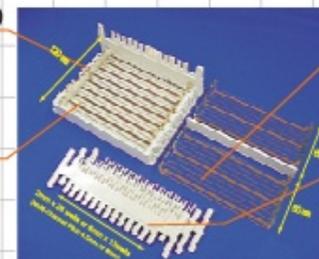
One-Gel Tray-S-HR(2) And Center Partition(1)
It can make up a gel for running 26 or 13 samples. Install at the center of Gel Casting Stand for using the Gel tray-S.

One-Comb-HR(4)
4 pieces of comb can be used for L tray. 1 piece of comb can be used for S tray.

Multi-Function Power Supply

Timer Function
The timer can be user-set from 1 to 99 minutes (includes alarm). The continuous and pause modes are available.

Voltage Variation Range
135V | 100V | 50V | 25V | 70V | 35V | 18V

7 kinds of output voltages are available. Peak voltage is constant (140V) and output level changes through pulse control. See the waveform in the right.

Very Simple Operation
Operations are very simple, pushing "Timer", "Voltage Selector", "Run/Pause/Stop" buttons.

Current Regulation
Rather than performing a forced shutdown when peak current is exceeded the Mupid-one controls the voltage so that it can maintain the current at or below peak value for continuous operation.

Storage Of Set Values
Set voltage and timer values used in the last experiment are automatically retained in memory (supports pausing).

Global Input Voltage Compatibility
Variable input voltage of 100 to 240 V supports use virtually anywhere in the world. Individual country power supply cable may differ.

<Waveforms>
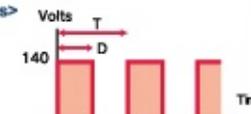
Selected (V)	135	100	70	50	35	25	18
D/T (%)	97	72	50	36	25	18	12

* Constant 140V peak voltage for any output voltage
* Movement stability improved over the conventional Mupid.

Easy And Safety Handling Cell

Buffer Drains
Buffer drains are at two corners so that buffer can drain away easily.

Washable
The Electrophoresis cell can be separated from the power supply and is washable.

Interlock System
For prevention of electric shock, main power can not be operated without the lid, and an error sign is shown on timer panel.

CE