

SMART ILLUMINATOR

The Smart Illuminator is a compact and thin LED Illuminator for nucleic acid fragments detection on stained gels.

- ➔ **High sensitivity:** Up to 0.5 ng
- ➔ **No risk of DNA decay.** The strong blue LEDs of the Smart Illuminator are less damaging than the UV lamps that are well-known to decay DNA gel.
- ➔ **Compatibility:** The strong blue LEDs of the Smart Illuminator can be used with the common nucleic acid dyes (e.g. EtBr, SYBR® Safe, SYBR Gold, SYBR® Green I & II, SYPRO® Ruby, SYPRO® Orange, Coomassie Fluor™ Orange stains, GelGreen, GelRed and Lumitein™ Protein Gel Stain).
- ➔ **Compact:** The Smart Illuminator is the thinnest illuminator in the world with only 30mm in height.
- ➔ **User Friendly:** Easy to view and cut gel - No need to wear amber glasses.



- All-in-one compact system
- Easy to use
- Heat resistant
- Multichannel pipette compatible

An absolute must for Gel Electrophoresis

Specifications

- Size : 210 x 210 x 30 (mm)
- Viewing surface : 120 x 70 (mm)
- LED Wavelength : 470 nm
- Amber filter: amber filter shield with metal frame
- LED arrangements: matrix for two-side illumination
- LED lifetime: 50,000 hours
- Compatible with mini gel size (mm): 110 x 60 & 55 x 60
- Weight : 2.3 Kg

Catalog Numbers

Description	Catalog Number	Quantity
SmartViewer for Mupid®	MU-0101	1 device
Mupid®-One Electrophoresis System Complete Apparatus with EU cable	MU-0041-	1 device
Mupid®-One Electrophoresis System Complete Apparatus with UK cable	MU-0041+	1 device
Smart Illuminator	MU-0201	1 device

Related Products

Opt for the complete Smart Solution with:

- Smart Ladder: a ready to use MW Marker	MM-1700-10	1000 lanes
- Smart Agarababs: pre-weighted agarose tablets	EP-0030-15	300 tablets

Mupid® is a registered trademark of Advance Co. Ltd.



www.eurogentec.com

Mupid® -one + Accessories

How to order?

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Experience. Use. Partnership.

ANASPEC

Mupid®-One

The Mupid®-One is a CE labeled electrophoresis system for agarose gels.

The electrophoresis tank is directly connected to the included Smart Power supply.

The device is really compact and is delivered with multiple accessories.



CE

Mupid®-One

➔ Easy to use

> Multi-function Power supply

- 7 conventional voltages standard voltage: (135V, 100V, 50V, 25V and 70V, 35V and 18V).
- Timer function : set from 1 to 99 minutes with additional voltage alarm tone.
- Memory: the last voltage and timer values are recorded.
- Current intensity regulation: The Smart Power supply of the Mupid®-One controls the voltage to maintain the current at or below the peak value (see chart).

> Safety Interlock System

- The current is not delivered without the Lid or the SmartViewer (see accessories)

> Simply Washable

- The electrophoresis gel tank can be separated from the Smart Power supply to be washed. The buffer can be drained away from the tank easily.

➔ Multi-channel pipette compatible

104 samples can be loaded on the same gel.

➔ Heat resistant

Gel solution up to 100°C can be poured into the gel tray.

All-in-one compact system

- Electrophoresis Cell
- Safety Lid
- Smart Power Supply
- 2 small gel trays
- 1 large gel tray
- 4 reversible combs (13 – 26 wells)
- Gel Casting Stand (for 2 small trays and 1 large tray)

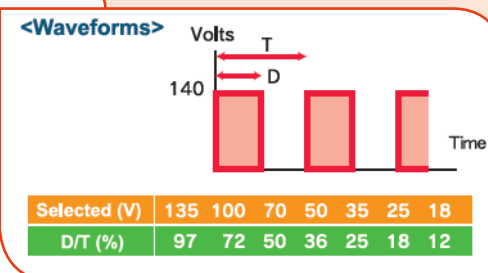


Chart: The Smart Power supply controls the output voltage. The voltage is constant (140V) but the output level is regulated through pulse control.

SMART VIEWER for Mupid®

The SmartViewer is an innovative LED illuminator specially designed to be adapted on the Mupid® gel electrophoresis device.

With the SmartViewer you can track in real-time your DNA agarose gel fluorescent signal.

➔ **Time saving:** No need to wait to the end of the migration to control your assay.

➔ **Electrophoresis Control:** Simply push the button to check the status of the gel migration.

➔ **Compatibility:** The strong blue LED of the SmartViewer can be used with the common nucleic acid dyes.

➔ **High sensitivity:** (~2 ng)

➔ **Anti condensation system:**

The amber filter underwent an anti-fog treatment. The included ventilation system prevents water condensation.

➔ **No risk of DNA decay:**

The strong blue LED of the SmartViewer are less damaging than the UV flashlamp that are well-known to decay DNA gel.



CE PS FC

SMART VIEWER

Specifications

- Size : 166x170x51 mm
- Window size : 150x60 mm
- Filter type : Amber filter
- Filter surface : Anti-Fog treatment
- PCBA surface : Anti-moisture treatment
- LED wavelength : 470 nm

Empowered for investigations