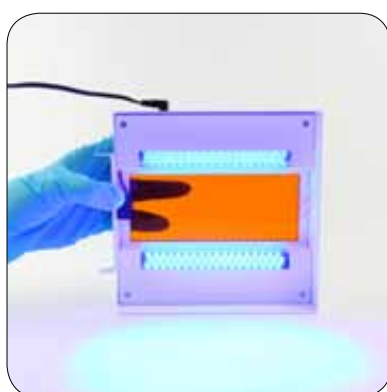
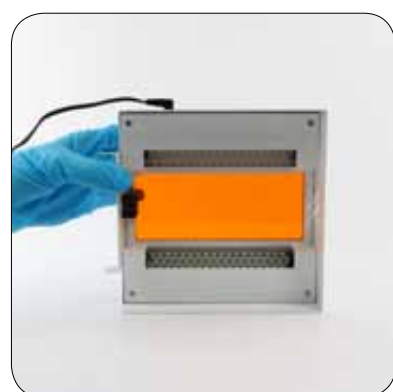


Mupid™-ONE LED Illuminator

DNA/RNA electrophoresis under „real time“ conditions

Now you can follow the separation of your DNA fragments „live“ in agarose gel electrophoresis

The MUPID™ One LED Illuminator was developed especially for the MUPID™ electrophoresis system and allows the detection of DNA fragments during the run. The electrophoresis can be continued because the LED illuminator, as shown above, can replace the lid of the MUPID™ chamber. The orange coloured filter allows to check the results without wearing goggles. The LED source inside the instrument produces light with a narrow emission peak at approximately 470 nm, effective for the excitation of nucleic acid stains such as Midori Green and SYBR® dyes. The viewing area is coated in order to avoid the formation of moisture. The separated DNA is not damaged by the light emitted by LEDs, because it contains no short-wave UV light. Sensitivity limit is 2 ng DNA. The MUPID™ One LED Illuminator is compatible ONLY with the MUPID™ electrophoresis system.



Specification

| | |
|-----------------|---------------------------------------|
| Size | 166 x 170 x 51 mm |
| Viewing area | 150 x 60 mm |
| Weight | 0.9 kg |
| LED wave length | 470 nm |
| Filter | orange |
| Compatible to | MUPID™ One, Mupid™ exU and Mupid™ ACE |
| Sensitivity | ~ 2 ng DNA |

Fig. 1 - 5: LED's of the MUPID™ One LED Illuminator. The MUPID™ One LED Illuminator replaces the lid of the MUPID™ One electrophoresis chamber.

Ordering Information

| Cat.No.: | Product | Content |
|----------|----------------------------|----------------------------|
| MU4 | MUPID™ One LED Illuminator | MUPID™ One LED Illuminator |