



UVP Benchtop Transilluminators

Description

UVP UV Transilluminators feature a uniform and bright illumination. The exclusive use of high-grade filter glass provides excellent documentation results with a low background signal. All UVP Benchtop Transilluminators are compact and lightweight.

These 8 Watt models are available in different filter sizes and wavelengths.

They are a low-cost variant to the more powerful high-performance UV tables. All models are equipped with a transparent and adjustable UV-protection shield.

Applications

- Gel Electrophoresis
- DNA Fluorescence
- Protein Fluorescence

Four Benchtop Models

- Mini Single UV: 1 x 302 nm, 10 x 10 filter size
- Single UV: 1 x 302 nm
- 2 UV: 1 x 302 nm/1 x 365 nm
- 3 UV: 1 x 254 nm/1 x 302 nm/1 x 365 nm

Note About 302 nm Wavelength

Though UVP refers to the midrange UV waveband as 302 nm, others refer to this region as 300 nm or 312 nm. The spectral output of all these regions is the same.

Benefits

- Higher UV output and intensity
- No flicker
- Quick lamp start
- Universal power supply unit
- Lower power consumption
- Longer life of the tubes
- Improved gel visualization and gel documentation
- The UV protection cover can optionally be attached during setup (adjustable at various angles) to allow easier access to the filter surface.



Benchtop Single UV Basic



Benchtop 2 UV



Benchtop 3 UV

WARNING against UV radiation

Transilluminators are strong UV light sources that can cause serious damage to eyes and skin. Although the devices have a UV protection cover, UV light can escape.

Only operate the units with suitable UV-protective goggles.



Benchtop UV-Transilluminators

Variable Intensity / Single Intensity

Variable intensity models offer three settings:
High: allows UV excitation of fluorophores on gels for routine applications and excitation of gels with low sample concentrations.

Medium: Excellent for observation and fast single band excision.

Low: Allows positioning and preparation of gels, cutting multiple bands and focusing for imaging.

Technical Data

Model	Intensity	Wavelength	Filter Size	Watt	Part Number
Mini Single UV / Single Intensity					
M-10E*	Single	302 nm	10 x 10 cm	5 x 6 Watt	110.3020
Single UV / Single Intensity					
M-15	Single	302 nm	15 x 15 cm	4 x 8 W	on request
M-20	Single	302 nm	20 x 20 cm	4 x 8 W	on request
M-26	Single	302 nm	21 x 26 cm	4 x 8 W	on request
Single UV / Variable Intensity					
M-15V	Variabel	302 nm	15 x 15 cm	4 x 8 W	110.3021
M-20V	Variabel	302 nm	20 x 20 cm	4 x 8 W	110.3022
M-26V	Variabel	302 nm	21 x 26 cm	4 x 8 W	110.3023
M-26XV	Variabel	302 nm	25 x 26 cm	4 x 8 W	110.3024
2 UV / Single Intensity					
LM-20	Single	302 / 365 nm	20 x 20 cm	4 x 8 W / 302 nm 4 x 8 W / 365 nm	110.3025
LM-26	Single	302 / 365 nm	21 x 26 cm	4 x 8 W / 302 nm 4 x 8 W / 365 nm	110.3026
3 UV / Single Intensity					
LMS-20	Single	254 / 302 / 365 nm	20 x 20 cm	4 x 8 W / 302 nm 4 x 8 W / 365 nm 4 x 8 W / 254 nm	110.3027
LMS-26	Single	254 / 302 / 365 nm	21 x 26 cm	4 x 8 W / 302 nm 4 x 8 W / 365 nm 4 x 8 W / 254 nm	110.3028