

# Benchtop UV Transilluminators

## Description

Benchtop 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

## 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.

## Specifications

- 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:

Transilluminators are strong sources of ultraviolet radiation that can cause severe damage to unprotected eyes and skin.

Despite the UV protective screen, we recommend wearing UV protective goggles during work.

## Benchtop UV Transilluminators



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<br>4 x 8 W / 365 nm                     | 110.3025    |
| LM-26                             | Single    | 302 / 365 nm       | 21 x 26 cm  | 4 x 8 W / 302 nm<br>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<br>4 x 8 W / 365 nm<br>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<br>4 x 8 W / 365 nm<br>4 x 8 W / 254 nm | 110.3028    |

UV\_019\_E 08/2025 Subject to technical changes and errors.