UV Transilluminator for Gel Viewing, 302 nm or 302/365 nm, 21 x 21 cm, 180° UV Shield Cover

Model **MSGEP-UV1SWISS,MSGEP-UV2SWISS** | Brand **Master Science**







The Master Science UV Transilluminator for Gel Viewing excites nucleic acid and protein gel stains such as ethidium bromide and other common fluorescent dyes so bands can be viewed and recovered without a darkroom. Two versions are available: UV1 with 302 nm light and UV2 with 302 nm plus 365 nm.

KEY HIGHLIGHTS

- No darkroom needed
- User protection
- Spill resistant
- Two wavelength choices

Request a Quotation
Contact us for pricing, configuration options and delivery details.

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Overview

A damped UV protective cover opens flat to 180° and shields the user from UV exposure while viewing, and the pressure-type waterproof design keeps buffer from leaking into the unit. The exposure area measures 21 x 21 cm.

To photograph gels after viewing, see our Touch Screen Gel Imaging System alongside the UV Transilluminator for Gel Viewing.

Key Benefits

No darkroom needed
Strong UV excitation makes bands clearly visible in normal lab light.

User protection
Full-width UV protective cover.

Spill resistant
Pressure-type waterproof design stops buffer from leaking in.

Two wavelength choices
302 nm or combined 302/365 nm.

Technical Specifications

GENERAL	
Brand	Master Science
Model Number	MSGEP-UV1SWISS,MSGEP-UV2SWISS
SKU	MSGEP-UV1SWISS,MSGEP-UV2SWISS
Exposure Area	21 x 21 cm
UV Protective Cover	Damped, opens 180°
UV Wavelength	**UV1: 302 nm; UV2: 302 + 365 nm**
Humidity	≤ 90%
Power Supply	110-220 V, 50-60 Hz

DIMENSIONS & WEIGHT	
Dimensions (L x W x H)	355 x 315 x 108 mm
Net / Gross Weight	3.9 / 5.8 kg
Shipping Dimensions	470 x 470 x 340 mm

GEL VIEWING PROBLEMS IT SOLVES	
Needing a darkroom to see bands	Bright UV excitation works in ordinary room light.
UV exposure to skin and eyes	Protective cover shields the user.
Buffer spills damaging the unit	Waterproof pressure design.
Different stains need different wavelengths	**Optional 365 nm on the UV2 version.**

Applications

The UV Transilluminator for Gel Viewing is used for
Viewing DNA and RNA bands in agarose gels Excising gel bands for recovery Viewing protein gels with fluorescent stains Checking PCR products

Illumination

- 302 nm UV (UV1)
- 302 + 365 nm UV (UV2)
- 21 x 21 cm exposure area

Safety

- Damped 180° flat-opening UV protective cover
- Isolates users from UV light during viewing

Construction

- Pressure-type waterproof surface
- Compact 355 x 315 x 108 mm body