Blue Light LED Transilluminator 470 nm, 20 x 15 cm Gel Viewing and Cutting, Adjustable Filter Visor

Model **MSGEP-GCH-100YSWISS** | Brand **Master Science**





The Master Science Blue Light LED Transilluminator is designed for viewing and cutting nucleic acid agarose gels after electrophoresis. LEDs transmit 470 nm blue light from beneath the gel, avoiding the scattering and diffraction caused by side lighting and improving both observation and photography.

KEY HIGHLIGHTS

- No UV exposure
- Clear bands
- Comfortable cutting
- Saves power

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

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Overview

Because it uses blue LED light instead of UV, there is no UV exposure for the operator or the samples. It works with most common blue-light-excitable stains, including ethidium bromide and fluorescent green-type dyes, over a 20 x 15 cm viewing and cutting area.

> For UV-based gel viewing, see our UV Transilluminator for Gel Viewing, a UV counterpart to the Blue Light LED Transilluminator.

Key Benefits

No UV exposure
Blue LED light avoids UV risk to eyes, skin and samples.

Clear bands
Bottom illumination avoids side-light scattering.

Comfortable cutting
The filter visor holds at any angle the user prefers.

Saves power
Switches off automatically after 5 minutes.

Technical Specifications

GENERAL	
Brand	Master Science
Model Number	MSGEP-GCH-100YSWISS
SKU	MSGEP-GCH-100YSWISS
Viewing / Cutting Area	20 x 15 cm
Filter Visor	Blue-light filter, stops at any angle
Housing	Aluminium alloy
Auto Power-Off	After 5 minutes

OPTICAL PERFORMANCE	
Light Source	LED, bottom transillumination
Wavelength	**470 nm**

PROBLEMS IT SOLVES AT THE GEL BENCH	
UV exposure while cutting bands	Blue LED light means no UV reaches samples or the user.
Glare makes bands hard to see	Filter visor removes blue light from view.
Unit left on after use	Automatic shut-off after 5 minutes.
Housing wear from daily use	Durable aluminium alloy shell.

Applications

The Blue Light LED Transilluminator is used for
Viewing DNA and RNA bands in agarose gels Cutting gel bands for recovery Observing GFP and other blue-light-excited samples Gel photography with a camera

Illumination

- 470 nm blue LED bottom transillumination
- Durable, long-life LEDs
- Reduces scattering and diffraction from side light

Design

- Professional blue-light filtering visor
- Visor stops at any angle
- Durable aluminium alloy shell
- 20 x 15 cm working area

Safety and Economy

- No UV radiation
- Automatic power-off after 5 minutes