LED Transilluminator

Cat No: TRA-M-001

MOLEQULE-ON®

Description

The LED transilluminator is the environment friendly instrument for the detection of nucleic acids or protein under UV free conditions. The special LED 470nm (Blue) light used to protect nucleic acids or protein. Though UV light is not used, there is no obligation for any special personal eye or skin protection. The blue LED lights are arranged under the viewing area (200 × 120 mm). An amber filter, on hinges, is lowered into position once your gel is mounted. The stained gel is now ready for viewing. This instrument has a specially designed ergonomic 4° angle, so users can easily sit on a chair to see the experiment results. It is designed to view the gel stained with the fluorescent dye (VisualaNA or Visual-PRO) compatible with the blue light wavelength. However, it is not suitable for ethidium bromide.

Features

- Optimized for use with the nucleic acid and protein fluorescent dyes.
- Blue light source good for 30,000 hours.
- No risk of UV damage for high quality work experience.
- Smart power-saving function - Automatic power shut-off option at 5 minutes.
- Gel-cutting knife - Cut out the target from the gel for further experiment.

Package includes:

(A) LED transilluminator: A useful instrument for your Laboratory.
(B) Power Cord: Used to connect the LED transilluminator with the power socket.
(C) Gel-Cutting Knife: Cut out the target from the gel for further experiment.
(D) Replacement Blade: Used as the new blade.

Specifications

Unit dimensions (W × L × H)	295 × 215 × 42 mm (11.6 × 8.4 × 1.6 in)
Gel viewing dimensions (W × L × H)	200 × 120 mm (7.8 × 4.7 in)
Weight (g)	1280
Input voltage	100~240V, 50 / 60 Hz
LED source	Built-in blue light LED module
LED life (hours)	>30,000
Emission maxima (nm)	470
Store temperature	25°C
Operating temperature	25°C ~40°C
Auto shut-off (min)	5
Filter type:	Amber filter