

# Blue Light Transilluminator

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**Cat. No. BT506**

## INTRODUCTION

BT Lab Systems' Blue Light Transilluminator is suitable for scientific research only. This instrument is only for specialized personnel that know the health risks associated with the reagents that are normally used with this instrument.

Amber optical filter provide protection from blue light for the operator. Do not direct vision at the transilluminator with the naked eye for long periods.

## IMPORTANT NOTICE

Please, read the installation instruction carefully before installing the transilluminator. This instrument is only for specialized personnel to observe gels with dyes of nucleic acid and albumen

## SPECIFICATIONS

Wave Length: 470 nm

LED Arrangement: matrix double-side lighting

LED Life: 50,000 hours

POWER: AC100-240V

Max. Gel Size: 100 x 160 mm

Dimension: 210 x 210 x 30 mm

Net Weight: 2.3 kgs

## INSTALLATION

Carefully unpack the transilluminator and the shield as follow:

1. First remove the foam material on the top.
2. Remove the transilluminator from the foam protection and place it on a stable, horizontal surface.
3. Remove the plastic mask from the amber optical filter.

## IMPORTANT SAFETY INFORMATION

- Do not pour liquid on the instrument.
- Do not block the vents.
- Power off the instrument when finished with an operation.
- Put it in the proper position to avoid hurting the operator.
- The platform for gel cutting is made of glass. The transilluminator face can be cleaned by alcohol.
- Wear disposable gloves to operate the instrument.

## **OPERATION**

1. Put the instrument on a horizontal and stable bench top.
2. Leave at least 10cm between each instrument to ensure adequate ventilation.
3. Connect the instrument to power supply. The adaptor is 24V DC.
4. Put the gel/sample on the glass platform under the transparent optical filter.
5. It is recommended that the operator wear gloves to operate to avoid sample and skin touching.
6. Power on the switch. LED will light.
7. Power off the instrument after finished with the operation.

## **TECHNICAL SUPPORT**

BT Lab Systems offers technical support for all of its products. If you have any questions about the product's use or, operation, please contact BT Lab Systems at the following info.

E-Mail: [info@BTLabSystems.com](mailto:info@BTLabSystems.com)