A Geno Technology, Inc. (USA) brand name

UV Transilluminator 197 x 147mm

Cat. No. BT512

1-314-991-6034 ♦ info@BTLabSystems.com

INTRODUCTION

Thanks for choosing BT Lab Systems' UV Transilluminator 197 x 147mm. The UV Transilluminator is used to observe the results of nucleic acid (DNA/RNA) gel electrophoresis and gel cutting operation. It's compact shape, easy operation, and sealed structure makes the maintenance of the instrument simpler. It has a self-contained fan served as a cooling device to extend the service life of the machine.

IMPORTANT SAFETY INFORMATION

Anyone intending to use this equipment should read the complete manual thoroughly.

- Instrument is made of metal, the 220V power should have good ground lead.
- The instrument should be placed where it is clean, dry, well-ventilated, and not exposed to corrosive material.
- Do not touch the UV glass with metals and other hard objects.
- Clean the UV filter glass after use with alcohol
- Do not look directly at the UV Filter Glass after opening to avoid UV Radiation
- Damage to eyes if not used properly. Observation must be through the UV protection window or UV eye protection is required

KEY FEATURES

- Compact sealing structure design ensures that the cutting operation, the cleaning, and cutting platform are free of leakage which greatly reduces the possibility of gel contamination and internal damage
- The special UV filter glass has good permeability to the specific UV wavelength ensuring higher detection sensitivity and enhancing the signal capture capability of the weak band.
- High-quality UV lamp to ensure uniform UV light intensity in the detection area of the UV transmission table.

TECHNICAL SPECIFICATIONS

- Transmission wavelength: Single or dual combination of 302nm, 254nm, or 365nm are optional. Standard default configuration is 302nm
- Transmission filter: 197 x 147mm
- Lamp working time: >1500h
- Input Voltage: AC 220V 50Hz
  **Transformer required for 110V use*
- Power: 8W x 6
- Dimension (WxDxH): 335 x 280 x 137mm
- Weight: 5.4kgs

OPERATION

After unit is removed from the original packaging, proceed to follow the instructions below

1. Place on a stable and level bench top.
2. Connect power line to unit socket and outlet. If using in 110V setting, a transformer is required.
3. Place gel/sample on UV filter glass
   Note: It is recommended to wear gloves to prevent direct skin contact with the gels and dyes
4. With power switch, turn the unit on. Filter glass support will begin to glow
5. For multi-wavelength units, adjust between UV lamps with UV light switch
6. When finished, turn the instrument off

WARRANTY

Our company guarantees that this unit is warranted against defective material and workmanship for a period of one year from the date of shipment. We will repair or replace the defective equipment returned during the warranty period free if the equipment has been used under normal laboratory conditions and in accordance with the instruction in this manual. The following defects are specifically excluded:

1. Damage caused by accident, misuse, or abuse
2. Damage caused by disaster
3. Repair or modification by anyone else without our authorization
4. Corrosion due to the use of improper solvent or sample
5. Defects caused by improper operation
6. Use of fittings or other spare parts supplied by different manufacturers

A return authorization must be obtained from us before returning any product for repair on a freight prepaid basis.

For any inquiry or request for repair service, please contact BT Lab Systems via the email below.

E-Mail: info@BTLabSystems.com

TECHNICAL SUPPORT

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

E-Mail: info@BTLabSystems.com