



Gene to Protein Pvt. Ltd.

Gene to Protein Pvt. Ltd.

www.genetoprotein.com

info@genetoprotein.com

800 GENOME, 800 GENETIC

G2P Mini UV Transilluminator (Agarose Gel Viewer)

Cat # G2P-UVT-03
Pack Size: 1 Unit



Introduction

The G2P Mini UV Transilluminator is a compact, high-efficiency device designed for visualizing nucleic acids and proteins stained with ethidium bromide or other fluorescent dyes. This model features a view area of 200 x 150 mm, making it ideal for laboratories with limited space but requiring high-quality imaging. The system is engineered with a blend of cutting-edge technology and robust design to offer excellent sensitivity, uniformity, and safety features.

Key Features:

- **Uniform Illumination:** The device utilizes moderate-intensity UV lamps that ensure even illumination across the view area, providing consistent results.
- **Durability:** Constructed with high-quality materials to withstand the demands of rigorous laboratory use.
- **User-Friendly:** Simple, intuitive controls make for hassle-free operation.
- **Safety First:** Equipped with a two UV-protective cover (transparent and orange) to minimize the risk of UV exposure.
- **Compatibility:** Compatible with a wide range of fluorescent dyes and stains.

Applications:

- **Gel Documentation:** For capturing high-quality images of nucleic acids and protein gels.
- **Gel Excision:** Enables precise location and excision of DNA or protein bands from agarose or acrylamide gels.
- **Research and Diagnostics:** Suitable for a range of molecular biology applications and diagnostics.
- **Teaching:** Ideal for educational settings due to its user-friendly interface.

Operating Instructions:

- **Power On:** Make sure the device is connected to a power source and switch it on.
- **Place Gel:** Carefully place the stained gel on the UV table.
- **Adjust Settings:** Adjust the UV intensity and exposure settings, if available.
- **Visualization:** Lower the UV-protective cover and proceed with the visualization or imaging process.
- **Power Off:** Once done, switch off the device and clean the UV table with a soft, damp cloth.
- **Precautions:**
 - Always wear UV-protective eyewear when operating the device.
 - Ensure the UV-protective cover is in place during operation.
 - Clean the viewing surface regularly to maintain optimum performance.

Troubleshooting:

If you encounter any issues with the device, such as uneven illumination or low sensitivity, consult the user manual for detailed troubleshooting steps or contact our technical support team for assistance.

Warranty

The G2P Mini UV Transilluminator (Agarose Gel Viewer) comes with a one-year manufacturer's warranty, ensuring the quality and reliability of the product.

