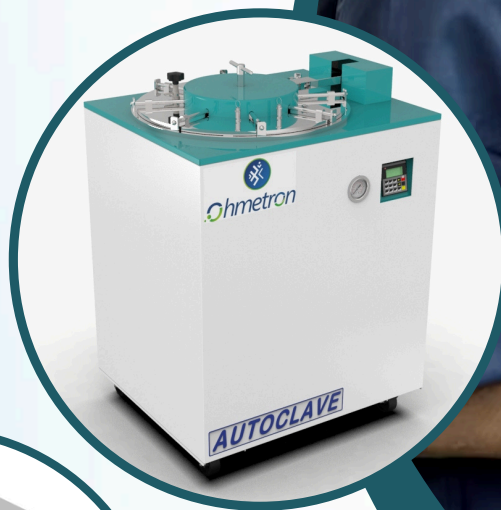


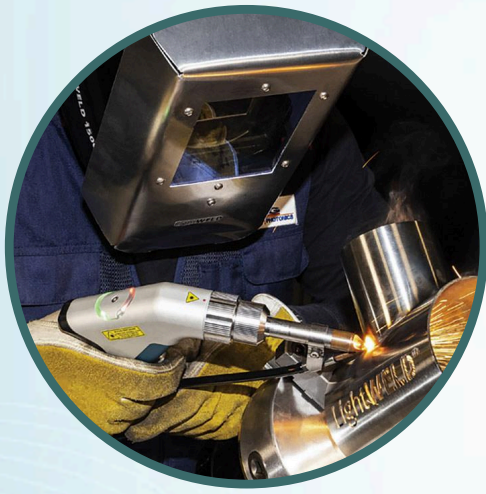


Ohmetron
INNOVATIVE LABORATORY EQUIPMENT



PRODUCT SPECIFICATION

WWW.OHMETRON.COM



FOUNDATIONAL INNOVATION.

Our Equipment's, Your Success

Igneous Technologies Pvt. Ltd. is a market leader in the production of laboratory medical devices. **Ohmetron** is our premier brand for Autoclaves, Baths, BOD, Heating Ovens, Incubators, and a variety of other products.

Igneous' emphasis and concentration has always been on user-friendly goods with an attention to detail, resulting in a product that is an addition to any modern setup. The following are the highlights of Igneous products:

- Excellent aesthetics and one-of-a-kind designs
- Over time, dependable and consistent performance
- Reduced downtime
- Parts are guaranteed to be available.
- Qualified Customer Help Engineers provide phone and email support.

The products listed in this Short Form Catalogue cum Price List are all "plug and play" - easy to install instruments requiring no elaborate installation. All electrical products are supplied with:

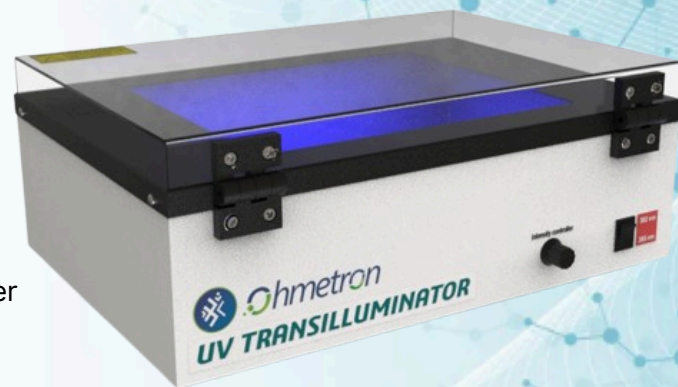
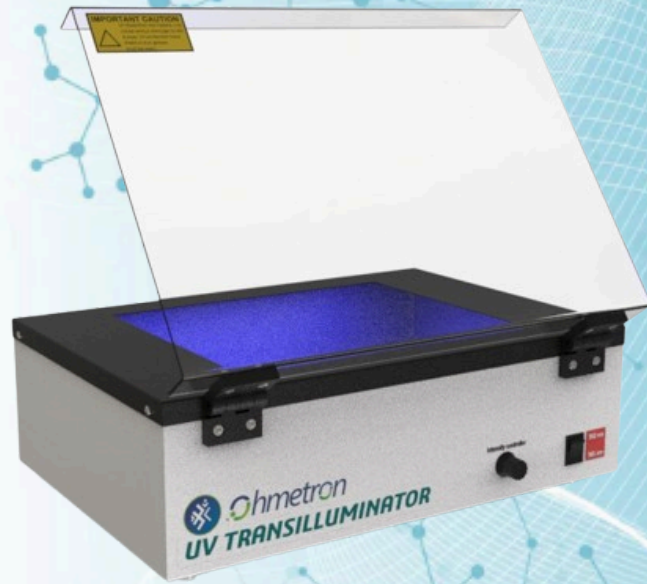
- Detailed Operation Manual - including installation guidance and basic troubleshooting
- Test Reports
- Calibration certificates traceable to National standards
- Warranty Cards.



UV TRANSILLUMINATOR

PRODUCT FEATURES

- **Hinged UV-safety cover** The integrated UV blocking cover is made from a polymer that will not fluoresce in UV light. This allows clear viewing of DNA bands through the cover, yet offers full UV blocking protection. Two friction hinges on the front of edge of the cover allow for full adjustment. position the cover horizontally for general viewing, tilt it at an angle for gel access and band cutting, or open fully to use transilluminator.
- **Powerful bulbs** for maximum fluorescence the transilluminator's 6/10 8W bulbs evenly illuminate the viewing surface, and the 302 nm wavelength is ideal for ethidium bromide, SYBR green and many other common gel stains.
- **Uniform illumination** spacing of the UV bulbs, coupled with a reflector system and special diffusing filter glass provides exceptional uniformity across the viewing surface. This allows for quantification of DNA and also higher quality imaging used with a camera system.
- **Transilluminators** provide brilliant back illumination of transparent materials that are placed on the filter area. The transilluminators provide a highly sensitive method to detect double-stranded nucleic acids that have been labeled with fluorescent dyes such as ethidium bromide or acridine orange. Single stranded nucleic acids may be detected, but with a lower excitation 302 nm UV wavelength more sensitive for nucleic acid visualization than the 365nm model. The transilluminators are uniquely designed with increased UV intensity and uniformity, instant on capabilities, no lamp flicker and reduced electrical consumption.



TECHNICAL SPECIFICATION*

- Standalone bench top Transilluminator.
- Ideal for viewing DNA/RNA gels and even protein gels with the help of UV to white light convertor screen.
- 6 tubes are used of 8 watt to have a uniform gel illumination in 21 x 26 cm and 10 tubes are used in 25 x 30 cm, 26 x 32 cm filter area.
- Built in hinged UV safety protective cover.
- Option of having 302 nm and dual wavelength also as 302 + 365 and 302 + 254 nm.
- Four filter sizes available 20 x 20 cm, 21 x 26 cm, 25 x 30 cm, 26x32 cm for bigger gels.
- Built in safety by using fuses in the power line.
- Nice powder coated metallic body.
- Power : 100-240 v , 50 – 60 Hz.

*The product design & specification are subject to change due to continues R&D.

** All dimensions are in mm.



Igneous Technologies Pvt. Ltd.

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