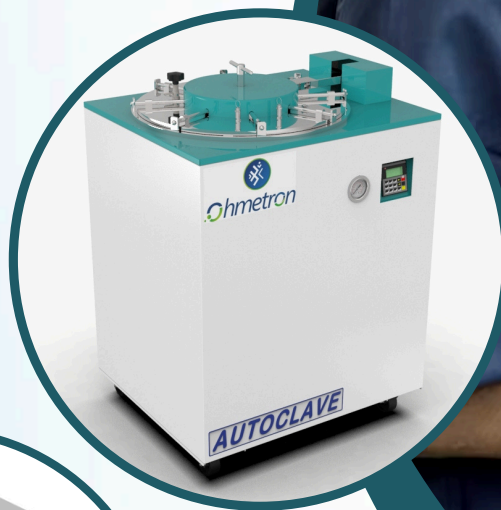


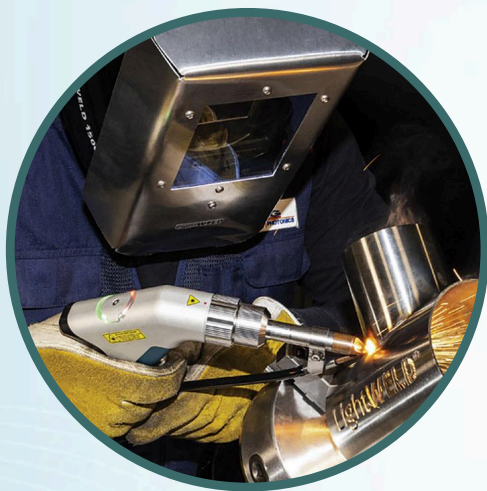


Ohmetron
INNOVATIVE LABORATORY EQUIPMENT



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.*



ULTRASONIC BATH

PRODUCT FEATURES

- Ohmetron Ultrasonic Cleaners are engineered for precision and reliability across medical, pharmaceutical, laboratory, and industrial applications. Built with corrosion-resistant SS 304 tanks and enclosures, they deliver consistent ultrasonic performance with long system life.

Accessories Included

- Stainless Steel Lid
- Stainless Steel Basket
- Drain Valve (for larger models)
- Power Cord
- Operation Manual

Electrical & Control

- Input Voltage: 230V AC, 50Hz, single phase.
- Control Panel: Digital timer & heater control.
- Protection: Overload, overheat, short circuit protection.

Tank & Body

- Material: SS 304 food-grade stainless steel.
- Thickness: Optimized for vibration and durability.
- Finish: Smooth, polished surface for easy cleaning.

Degas Mode

- Helps remove trapped air in water for more effective ultrasonic action.

Digital Timer Control

- Timer options: 0–15 minutes or 0–99 minutes depending on model.
- Precise control for process repeatability.

PSP (Pulse Sweep Power) Technology

- Available in most models.
- Enhances cleaning uniformity and prevents “dead zones” in the tank.



*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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Ohmetron
INNOVATIVE LABORATORY EQUIPMENT

ULTRASONIC BATH

TECHNICAL SPECIFICATION*

MODEL	OUB2	OUB2	OUB4.5	OUB5	OUB7	OUB10	OUB15	OUB22
Tank Size (mm) (L×W×H)	240 × 140 × ~65	240 × 140 × 100	300 × 150 × 100	235 × 235 × 100	300 × 240 × 100	300 × 240 × 100	500 × 300 × 100	500 × 300 × 150
Outer Size (mm) (L×W×H)	265 × 162 × 240	265 × 162 × 240	325 × 176 × 240	265 × 265 × 250	320 × 276 × 210	325 × 276 × 260	525 × 305 × 345	530 × 320 × 400
Tank	SS 304	SS 304	SS 304	SS 304	SS 304	SS 304	SS 304	SS 304
Enclosure	SS 304	SS 304	SS 304	SS 304	SS 304	SS 304	SS 304	SS 304
Tank Capacity	2 Liter	3 Liter	4.5 Liter	5 Liter	7 Liter	10 Liter	15 Liter	22 Liter
Ultrasonic Power	50 Watts	100 Watts	100 Watts	100 Watts	200 Watts	250 Watts	300 Watts	400 Watts
Heater Power	100 Watts	100 Watts	100 Watts	200 Watts	200 Watts	200 Watts	500 Watts	500 Watts
PSP	NA	NA	Yes	Yes	Yes	Yes	Yes	Yes
Ultrasonic Freq. (KHz)	33 ± 3	33 ± 3	33 ± 3	40/33 ± 3	40/33 ± 3	40/33 ± 3	40/33 ± 3	40/33 ± 3
Timer Digital	0 to 15 Min.	0 to 15 Min.	0 to 99 Min.	0 to 99 Min.	0 to 99 Min.	0 to 99 Min.	0 to 99 Min.	0 to 99 Min.
Power Input	230 VAC	230 VAC	230 VAC	230 VAC	230 VAC	230 VAC	230 VAC	230 VAC
Degas Mode	On/Off	On/Off	On/Off	On/Off	On/Off	On/Off	On/Off	On/Off
Temperature	45°C (inbuilt)	45°C (inbuilt)	Amb. – 60°C	Amb. – 60°C	Amb. – 60°C	Amb. – 60°C	Amb. – 60°C	Amb. – 60°C
Ultrasonic Generator	Advance latest MOSFET / IGBT based SMPS							

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