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OPTICS TECHNOLOGY

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## Ultrasonic Bath (Sonicator)



Ultrasonic Bath (Sonicator)

Ultrasonics (Ultrasound) is the sound which human beings cannot hear. Ultrasound utilizes frequencies from and above 18kHz (18,000 cycles per second). High frequency electrical energy is converted into ultrasound waves by means of ultrasonic Transducers, which are bonded on the base of S. Cleaning Tank. These high frequency sound waves create in the liquid countless, Microscopic vacuum Bubbles which rapidly expand and collapse.

### Salient Features :

- Easy to operate & maintain with one piece S.S. Tank.
- Indigenously manufactured with advanced MOSFET technology with Auto-tuning facility.
- Digital Tuning of Transducers with Generators to avoid any frequency shifted even during demanding applications.
- Compact, rugged and highly durable systems.
- Extensively protected electronic circuits means longer and safer Operations.

### Technical Specifications :

Operating frequency 33+-3KHz, for all general purpose cleaning is highly recommended Input Voltage range of 170V AC- 270V AC, 50 Hz, Single phase Micro Controller based timer range 0 to 30/99 minutes. Thermostatic controlled temperature controller

Capacity	Tank size (LxBxH)mm	Wattage
1.5 Lit.	240 x 135 x 65	60 W
3.5 Lit.	300 x 150 x 100	120 W
6.5 Lit.	300 x 150 x 150	200 W
9 Lit.	300 x 200 x 150	250 W
Sonicator with capacities more than 9 Ltrs. Are also available on request.		