

Ultrasonic Bath (Sonicator)

Technology

TOPLAB INDIA'S Ultrasonic Bath has the cavitations phenomenon consists of formation and growth of millions of microscopic bubbles under a low pressure stage, produced into the ultrasonic bath due to a high power transducer 40/59 kHz. These bubbles break in all directions and attack every surface in contact with water, erasing dirt, impurities and pollutants when contacting with the materials or pieces into the bath. This phenomenon allows cleaning all kind of piece without need of disassembling, due to it is taking part in all surface in contact with the liquid. The heat allows accelerate this clearing process.

Application Areas

- Laboratories: laboratory material, precision instruments, pipettes, sieves, etc.
- Medicine: instrumentation in general, surgical material, etc.
- Deontology: dental prosthesis, instrumentation, etc.
- Optics: instrumentation, opticals, frames, etc.
- Industry: printed circuits, Electronic components, etc
- Jewellery: watches, jewels, etc
- Automation: Injector clearing.
- Degasification or liquid dissolution.
- Compact substances digregation

Economic TL-xxEFD Series

- Wide range available volumes from 2 Litre to 27 Litre capacity
- Inner and outer parts made of stainless steel (SS)
- Comes with a tray to conveniently place objects to be cleaned
- Features a digital timer with up to 99 min
- LED display for easy set up
- High performance transducer
- Heating ability between 20°C and 80°C
- Comes with a tray and lid



Specifications

Model	Capacity (Litre)	Power (W)	Heater Power (W)	Temp. (°C)	Frequency kHz	Timer (min)	Drain Valve	Type	Working Power
TL-02EFD	2L	75W	90W	RT - 80°C	40 kHz	1-99min	No	Digital	40 - 100%
TL-03EFD	3L	75W	90W	RT - 80°C	40 kHz	1-99min	No	Digital	40 - 100%
TL-04EFD	4L	90W	120W	RT - 80°C	40 kHz	1-99min	Yes	Digital	40 - 100%
TL-05EFD	5L	120W	150W	RT - 80°C	40 / 59 kHz	1-99min	Yes	Digital	40 - 100%
TL-06EFD	6L	150W	180W	RT - 80°C	40 / 59 kHz	1-99min	Yes	Digital	40 - 100%
TL-10EFD	10L	225W	300W	RT - 80°C	40 / 59 kHz	1-99min	Yes	Digital	40 - 100%
TL-14EFD	14L	300W	300W	RT - 80°C	40 / 59 kHz	1-99min	Yes	Digital	40 - 100%
TL-22EFD	22L	375W	600W	RT - 80°C	40 / 59 kHz	1-99min	Yes	Digital	40 - 100%
TL-27EFD	27L	375W	600W	RT - 80°C	40 / 59 kHz	1-99min	Yes	Digital	40 - 100%