

UST ultrasonic cleaning tank

The use of ultrasonic cleaning units is becoming more and more widespread in many different fields, ranging from the medical to industrial.

Traditional cleaning systems (spray or steam), in fact, do not offer the same results as the sound waves which afford an even treatment on all surfaces and through penetration in the most hidden parts of the pieces.

Ultrasonic cleaning is essential whenever quality, safety and reproducibility are required.



The small-size units of our UST series are suitable for several applications, such as:

- 1) Dental laboratories, to clean utensils and tools
- 2) Optical-ophthalmology laboratories, for spectacle frames, lenses, contact lenses
- 3) Jewelry workshops and laboratories, to clean precious and costume jewelry
- 4) Precision engineering workshops
- 5) Surgeries and hospitals, to clean surgical instruments
- 6) Electronics workshops, to clean PCB prototypes, components and for maintenance operations
- 7) Watch repairs and maintenance

UESSETI 2000 Srl Via Monfalcone 7 20092 Cinisello Balsamo (MI)
tel.02.66014628—fax.02.66014630
uesseti@uesseti.com

www.uesseti.com

UESSETI 2000® S.r.l.

Vasche di lavaggio ad ultrasuoni UST

TECHNICAL DETAILS OF THE TANKS UST SERIES

A UST unit consists of a press-formed stainless steel tanks, with electrostrictive transducers applied onto the bottom side, and generator. All components are assembled and contained within an epoxy-painted aluminum case.

The generator design affords high efficiency and reliability, thanks the most up-to-date electronic technologies and the same sophisticated semiconductor components as those are utilized in the computer industry.

The power circuits are protected against accidental surges or short-circuits. Ultrasonic waves stop for a while in case of temporary break-downs, while permanent short-circuits cause a full shut-down, as a protection from permanent damage. An automatic tuning circuit ensures conditions of resonance in the transducer-tank system, and therefore maximum efficiency, without any manual adjustment.

All models include: electronic timer, with choice of ranges 0: 10' or 0: 25' on led-indicator protection fuse s/s Ild.

Model	Dimensions tank (mm)	Overall dimensions (mm)	Power US – Risc.	N. PZT	Tank capacity (lt)
UST 19	235 x 360 x 400h	265 x 360 x 400h	200W – 300	4	14
UST 19	330 x 330 x 180h	360 x 360 x 500h	250W – 500	4	19
UST 30	520 x 330 x 180h	550 x 360 x 500h	300W – 800	6-9	30
UST 45 Consolle	510 x 308 x 300h	560 x 360 x 1000h	450W – 1500	6-9	45

Optionals: Thermostatically-controlled heating, electronic us power regulation.

Accessories: pyrex container with a support ring, baskets, s/s basketholder, etc.

DI ASK US:

Our technical department is at your complete disposal to provide solutions for whatever specific need, fully respecting safety and environment laws.

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