



# Ultrasonic Cleaning Baths “Ultrasons”, “Ultrasons UB-1488”, “Ultrasons-H”, “Ultrasons-HD” and “Ultrasons-P”

## FUNDAMENTAL THEORY

The principal of ultrasonic cleaning consists of the use of high frequency sound waves (40 kHz), produced by a generator through a transducer, which propagates them mechanically inside the tank, this produces a cavitation effect which leads to the formation of millions of low pressure microscopical bubbles which carry out molecular cleaning, eliminating impurities, polluting agents and dirt from the parts or material which must be cleaned.

Complex parts can be cleaned without disassembly since the cavitation penetrates wherever the cleaning solution is in contact with the surface.

The generator of these baths is completely transistorised and incorporated, working through the “Sweeping frequency” system, which ensures uniform cavitation at all points of the resonance tank.

## COMMON FEATURES

Double bodied tank, made entirely of stainless steel.

Emptying drain, anti-parasite filter, adjustable timer and heating, model dependent.

## APPLICATIONS

**Laboratories in general:** acceleration of chemical reactions, degassing of liquids, cell disruption, cleaning of sieves, pipettes, micro-pipettes, cuvettes, trays, viscometers, decomposition of radioactive substances, etc.

**Dentistry:** Cleaning of prosthesis, instruments, etc.

**Optics:** Cleaning of frames, lenses, and contact lenses, etc.

## SUMMARY TABLE

**Medicine:** Cleaning of instruments in general, forceps, probes, scalpels etc.

**Jewellery and Watch making:** Cleaning of all kind of watches and jewels.

**Industry:** Cleaning of all electronic components, printed circuit boards, semiconductors, petrol injector sieves and filters, etc.





# Heating cleaning bath "Ultrasons-HD"

DIGITAL ELECTRONIC REGULATION OF TEMPERATURE AND TIME  
FOR TEMPERATURES FROM AMBIENT +5°C TILL 80°C

## Optimum cleaning efficiency



It comes complete with a universal basket, lid with handle and drain device.  
Bath Part. No. 3000865 (5 Litres capacity) is also supplied with basket for small items.

### FEATURES

Double body container, completely made of stainless steel and with waste drain device.

### CONTROL PANEL

Illuminated main switch.

Start-stop push button.

Increase/decrease time push button in minutes (from 0' to 99').

Increase/decrease temperature push button in °C.

### MODEL

Part No.	Capacity litres	Height/Width/Depth (usable) cm	Height/Width/Depth (exterior) cm	Power Generator W	Power Heater W	Weight Kg
<b>3000865</b>	5	15 24 14	27 31 18	120	75	3,8
<b>3000866</b>	6	15 30 15	27 35 18	180	75	5,8
<b>3000867</b>	10	15 30 24	35 38 28	240	225	8,2
<b>3000868</b>	22	15 50 30	27 58 35	600	375	15
<b>3000864</b>	30	20 50 30	40 58 34	800	900	18