

**J.P. Selecta**

**1 2 3 4 5**

**Ultrasonic Cleaning Baths "Ultrasons". "Ultrasons UB-1488", "Ultrasons-H" 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.

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

Jewellery and Watch making: Cleaning of all kinds of watches and jewels.

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

*More details!*  
**Ask for more information**

Order No.	Capacity litres	Heating	Height / Width /Depth (usable) cm	Height / Width /Depth (exterior) cm	Generator power W	Heater calefactor W	Power total W	Timer. 0-15'	Waste. drain	Weight Kg
0195900650	1.4	No	6 13 16	15 17 22	70	-	-	No	No	1.7
0193000512	1	No	6 14 14	20 20 18	50	-	-	Yes	No	2.5
0193000683	2.6	No	9 23 13	22 29 19	100	-	-	Yes	No	4
0193001208	4	No	10 30 14	24 33 18	100	-	-	Yes	Yes	7
0193001732	5	Yes	15 24 14	27 31 21	100	200	300	Yes (0-60')	Yes	5.2
0193000513	6	No	15 30 14	30 36 20	150	-	-	Yes	Yes	9.5
0193000838	6	Yes	15 30 14	30 36 20	150	400	550	Yes	Yes	10
0193001488	6	No	15 30 14	30 40 34	150	2000	2150	Yes	Yes	12
0193000837	6.5	No	14 24 Ø	30 27.5 Ø	150	-	-	Yes	No	8
0193000617	9	No	15 50 14	30 56 20	200	-	-	Yes	Yes	10.7
0193000839	9	Yes	15 50 14	30 56 20	200	800	1000	Yes	Yes	11
0193000514	6	No	15 30 23	30 36 30	200	-	-	Yes	Yes	13
0193000840	9	Yes	15 30 23	30 36 30	200	800	1000	Yes	Yes	13.5
0193000515	7	No	15 50 30	30 56 36	400	-	-	Yes	Yes	22
0193000841	9	Yes	15 50 30	30 56 36	400	1200	1600	Yes	Yes	23
0193000910	10	No	64 15 Ø	84 34 40	250	-	-	Yes	Yes	15