

Langford Sonomatic Ultrasonic Cleaners & Accessories



Models T80, 175



Models 375, 475, 575

All British high quality units with outer case and cleaner tank manufactured from rigid stainless steel. Power source uses double halfwave high frequency generators resulting in extremely efficient cleaning.

These cleaners are maintenance free, CE marked and there are models available with temperature control of the cleaning fluid (set at either 60°C or variable from 20°C to 80°C). The ultrasonic cycle time is fixed at either 15 minutes or (optionally) adjustable from 0 - 60 minutes.

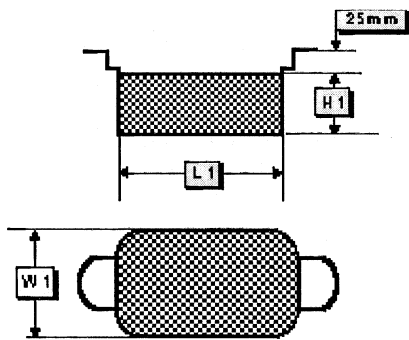
Accessories: Lids (ABS) and Baskets (stainless steel).

SONOMATIC ULTRASONIC CLEANERS												
Catalogue Number	➔	C075	C135	C152	C152/H	C152/TT	C136	C136/H	C136/TT	C137	C137/H	C137/TT
Model type		T80	175	375			475			575		
Overall Dimensions (mm)	Height	175	175	↔ 310 ↔			↔ 310 ↔			↔ 370 ↔		
	Width	110	165	↔ 162 ↔			↔ 162 ↔			↔ 175 ↔		
	Length	135	175	↔ 200 ↔			↔ 250 ↔			↔ 250 ↔		
Weight (Kgs)		1.4	2.4	↔ 2.7 ↔			↔ 3.5 ↔			↔ 4.1 ↔		
Internal Dimensions (mm)	Height	151	151	↔ 240 ↔			↔ 240 ↔			↔ 300 ↔		
	Width	83	137	↔ 135 ↔			↔ 135 ↔			↔ 150 ↔		
	Length	65	100	↔ 100 ↔			↔ 150 ↔			↔ 150 ↔		
Tank Volume (litres)		0.6	1.6	↔ 2.3 ↔			↔ 3.6 ↔			↔ 4.9 ↔		
High Frequency-Peak Power	(watts)	80	100	↔ 150 ↔			↔ 300 ↔			↔ 300 ↔		
High Frequency-Power Output	(watts)	☐	☐	↔ 75 ↔			↔ 150 ↔			↔ 150 ↔		
Frequency approx.	(kHz)	40	40	↔ 40 ↔			↔ 40 ↔			↔ 40 ↔		
Power consumption	(watts)	80	90	100	290	290	200	410	410	200	460	460
Fuses, (all M-Type)	(A)	1,0M	1,0M	↔ 2,0M ↔			↔ 3,15M ↔			↔ 3,15M ↔		
Heating capacity	(watts)	n/a	n/a	n/a	200	200	n/a	300	300	n/a	300	300
Temperature Control of Cleaning Fluid												
Approx. 60°C, thermostatically controlled		n/a	n/a	n/a	☐	☐	n/a	☐	☐	n/a	☐	☐
Thermostatically controlled, 20°C to 80°C		n/a	n/a	n/a	☐	☐	n/a	☐	☐	n/a	☐	☐
Timer Control, Ultrasonics												
Pre-set fixed cycle time = max. 15 minutes		☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Adjustable from 0 - 60 minutes		☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

Larger models available on request

Stainless Steel Baskets

Basket dimensions external in mm.
Maximum tolerance approx. ± 5 mm



To fit model	Basket size mm Length x Width x Height	Load Kg	Mesh size mm	Catalogue no
T80	110 x 60 x 60	0.5	6 x 6	C075/B
175	120 x 110 x 60	0.5	6 x 6	C135/B
375	200 x 105 x 66	5.0	10 x 10	C152/B
475	200 x 105 x 105	5.0	10 x 10	C136/B
575	255 x 120 x 120	5.0	10 x 10	C137/B

Lids

ABS lids are available to cover the tanks of the above ultrasonic baths with contours to cover basket handles. This limits evaporation and ensures a safer working environment. See main pictures on previous page.

Beaker Support Trays

These hold glass beakers at a precise depth in the driving liquid (e.g. water plus a wetting agent) which improves cavitation and promotes the ultrasonic pulses through the glass. Other advantages are the possibility to use more than one cleaning solution at the same time and all removed soil stays in the beaker for examination, filtering or to be discarded. The use of beaker support trays also limits the volume of cleaning solution/solvent needed and permits use of acid or caustic fluids.

C135/T Beaker support tray S/S single 600mm hole for models T80, 175 & 375

C136/T Beaker support tray S/S two 400mm holes for models 375 & 575

Beakers

B180 Beaker 400ml Pyrex glass

B185 Beaker 600ml Pyrex glass

O079 Beaker 'O' ring 400ml beaker - neoprene rubber

O080 Beaker 'O'

