

Ultrasonic Cleaners for fast, consistent high performance precision cleaning

Benchtop Baths



We offer a broad range of benchtop ultrasonic baths.

They are available in sizes from 0.5 litres to 28 litres.

Available with a choice of analogue or digital controls and heated or un-heated baths these high performance units offer great value for money and unbeatable performance

Each benchtop ultrasonic bath is available with a range of accessories meaning you can tailor your package to your specific application.

Our analogue units are easy to operate in any circumstances and our range of digital benchtop units store the cycle time and temperatures meaning they require just a single button press to begin each cleaning cycle.

Typical cycle times with these units are around 10 minutes although this will vary depending on the level of contamination to be cleaned.



The range of benchtop baths are ideal for use in the almost any application including:

- Dental
- Chiropody
- Medical
- Jewellery Cleaning
- Optical Finishing
- Machined Parts
- PCB cleaning

Specifications

The benchtop units come with a number of different options and the specification for each unit varies depending on the model.

The units are also available with lids and baskets as an optional extra.

If you require further technical information on the specification of any of these units please do not hesitate to contact us and we will arrange for this to be sent to you.

Unit	Total Capacity	Internal Dimensions	Overall Dimensions	Control Panel	Drain Tap	Heat °C
U50	0.5	150x85x65	160x95x160	Manual	None	NA
U95	0.95	200x150x75	210x165x160	Manual	None	20-65
U100	1.5	150x140x100	280x160x190	Digital / Manual	None	20-80 (20-65 Man)
U300	2.5	240x140x100	180x160x190	Digital / Manual	None	20-80 (20-65 Man)
U400	3.75	240x140x150	260x160x240	Digital / Manual	None	20-80 (20-65 Man)
U500	4.5	300x150x150	330x180x275	Digital / Manual	Standard	20-80 (20-65 Man)
U1100	9.5	500x140x150	520x160x300	Digital	Standard	20-80
U1250	12.5	295x245x200	315x245x200	Digital	Standard	20-80
U1750	17.5	330x300x200	350x330x320	Digital	Standard	20-80
U2800	25	500x300x200	520x330x330	Digital	Standard	20-80

Accessories

We also offer an extensive range of accessories for use in our ultrasonic baths.

Whatever your application we can source and supply the item that you need in order to maximise the efficiency of your cleaning operation.

If you require further information on our range of accessories please do not hesitate to contact us.



Our baskets are stainless steel in order to cope with rigorous daily usage without compromising performance.

We also offer stainless steel lids or plastic lids depending on your requirements.

We can provide glass beakers and beaker holders so that items which are too small for the basket mesh can be placed into the beakers and cleaned while suspended in the ultrasonic bath by the beaker holder. This allows items to be cleaned in acidic solutions which should not be used directly in the bath.

Industrial benchtop ultrasonic tanks for fast, high performance and precision cleaning

Industrial Range



We offer a broad range of industrial benchtop and stand mounted ultrasonic tanks.

They are available in sizes from 4.5 litres to 90 litres.

All our industrial range of units are available with digital controls for ease of use and all come with standard drain taps for easy draining and refilling.

Each industrial ultrasonic tank is available with a stainless steel basket and lid to maximise its operation and reduce operating noise.

The digital control panel will store the cycle parameters meaning each time the unit is turned on it takes a single button press to begin the cleaning cycle. This saves time and make operation of these high performance units very simple.

Cycle times of 0-59 minutes can be used with the units and temperatures of 20 - 70 degrees and when used with the correct ultrasonic detergent these units provide unrivalled cleaning performance in almost any application.



These range of units are ideal for use in industry where high performance cleaning is required.

Built for extensive use in factory environments where heavy loads and batches of items require cleaning at the same time our range of industrial ultrasonic cleaners will outperform other available systems giving a cost effective solution to your cleaning application.

Specifications

Lids and baskets are available for the complete range as optional extras depending on your requirements.

If you require further technical information on any of these industrial units please do not hesitate to contact us and we will arrange for this to be sent to you.

Unit	Total Capacity	Internal Dimensions	Overall Dimensions	Control Panel	Drain Tap	Heat °C
Ind500	4.5	300x150x150	330x180x285	Digital	Standard	20-80
Ind1250	12	300x250x200	330x280x250	Digital	Standard	20-80
Ind1750	17	330x300x200	340x310x330	Digital	Standard	20-80
Ind2850	30	500x300x230	520x330x330	Digital	Standard	20-80
Ind3530	25	350x300x300	650x550x500	Digital	Standard	20-80
Ind4530	45	450x300x350	650x550x500	Digital	Standard	20-80
Ind5040	65	500x400x400	650x550x500	Digital	Standard	20-80
Ind5800	60	600x500x250	750x650x350	Digital	Standard	20-80
Ind6045	90	600x450x400	750x600x550	Digital	Standard	20-80
Ind7800	80	600x500x300	750x650x400	Digital	Standard	20-80

Typical industry uses for our range of industrial ultrasonic units include:



Cleaning Automotive components and treatment prior to plating

Cleaning, finishing and brightening of machine components

Cleaning of firearms and ammunition

Cleaning of bearings, machined parts, tools, screws, wire, fasteners

Ship component and lub oil filter cleaning

Aerospace components

Ultrasonic Detergents

Ultrasonic detergents are a vital part of the ultrasonic cleaning process. A poor quality detergent in even the best ultrasonic bath will produce average results, while an excellent ultrasonic detergent in a poor quality bath will also produce average results.

An ultrasonic detergent works on the same principal as a household detergent. It aids in the loosening process and intensifies the power of the ultrasonic bath meaning reduced cleaning times and better overall results. The type of detergent used will depend on the item that is to be cleaned. The detergent also increases the saturation capacity of the liquid allowing more debris to be held in solution so it cannot re-contaminate the item being cleaned.

We offer a comprehensive range of cleaning fluids and sachets for use in ultrasonic baths and for any application. All of our fluids have been formulated for specific uses in order to provide you with exceptional cleaning results each and every time they are used.

Our fluids are for use in ultrasonic tanks over 30 litres in capacity.

Ultrawave fluid detergents will benefit you by:

- Providing unmatched cleaning performance
- Detergent options to match any application
- A premium quality product at a non-premium price



Application Guide

Fluid	Application	Dosage Level	Temperature Range
Ultraclean PH	Rust removal for ferrous metals Brightener for non ferrous metals	20%	50-60
Ultraclean M2	General detergent for all metals, Plastics and glass	2.5%	40-60
Ultraclean CS	Mild caustic fluid for carbon and heavier contaminates (not for use on aluminium)	3%	50-60
Ultraclean CBX	High pH caustic fluid only for use on ferrous metals with heavy soil or carbon contamination	5%	60-75
Safe - Alk	Similar to Ultraclean M2 but can be used on Aluminium	2-5%	40-60