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Ультразвуковые ванны



Ultrasonic Baths

XUB range of digital ultrasonic baths

Advanced-level range with a choice of five baths

XUBA range of analogue ultrasonic baths

Entry-level range with analogue controls

Ultrasonic baths

The XUB and XUBA series of reliable, high-performance ultrasonic baths offer fast, safe and cost-effective ultrasonic bath technology. Ideal for use in cleaning applications, preparation for sterilisation and degassing liquids.

Powerful technology - superior performance giving a more accurate and precise ultrasonic process

Gentle effective cleaning - consistent results for rapid and complete removal of contaminants

Suitable for sophisticated applications - in the scientific sector such as degassing, and fluid dissolution

Clean finish, high-quality and robust design - for long-term reliability and durability

A choice of five digital and two analogue models - XUBA's available in 230V versions only



The XUB and XUBA range of baths are ideal for cleaning a wide range of laboratory instruments as well as in other healthcare, research and industrial applications. The ultrasonic activity generated in the baths allows rapid and effective cleaning and processing of a wide range of instruments and components - a safer alternative to manual operations.

XUBA

Entry-level analogue ultrasonic baths

Compact analogue-controlled range of ultrasonic baths providing a high standard of reliable and effective ultrasonic technology. The choice of two baths come in a great value-for-money package, with M2 cleaning solution, stainless steel basket and ABS plastic lid included as standard (available in 230V versions only).

Excellent entry level ultrasonic baths

Temperature range ambient +5°C to 70°C on the XUBA3

Fast, effective, efficient and safe cleaning and processing of instruments, components and solutions

Supplied with stainless steel basket and ABS plastic lid as standard

Robust design offers outstanding durability and reliability

Control panel easy to operate even when wearing gloves

Timer control from 0-15 minutes

Stainless steel basket and ABS plastic lid forms a drip collection unit to collect excess liquid when basket is removed from the tank.

One bottle of M2 SOL ultrasonic cleaning solution included as standard

Heating function (XUBA3 only) to deliver reduced processing times.

Ergonomic lid reduces noise volume and minimises potential of aerosol escape.

Stainless steel basket designed specifically to generate maximum ultrasonic activity.

Simple dial analogue controls for accurate setting of cycle time and temperature (temperature control on XUBA3 only, XUBA1 unheated).



Applications

- General use - glass, component cleaning, sonication of cytometer nozzles, dispersion and solubilisation
- Healthcare research
- Laboratories - degassing fluids, mixing fluids and compounds, cell disruption, fluid dissolution
- Industrial - light manufacturing
- Biopharm - dissolution of samples

XUB

Digital ultrasonic baths

The XUB range of digitally controlled benchtop ultrasonic baths offer consistent and reliable performance in a variety of environments. Incorporating Frequency LEAP technology to ensure uniform levels of ultrasonic activity throughout the fluid, these baths offer high performance giving an accurate and precise ultrasonic process.

Lid and basket forms a drip collection unit, minimising flow of contaminated liquid once cycle is finished.

Stainless steel basket designed specifically to generate maximum ultrasonic activity, prevent items resting on the tank and prevent operators coming into contact with chemical solutions.

Modern, sleek design with stainless steel basket, ABS plastic lid, M2 SOL ultrasonic cleaning solution, SD card and drain tap included as standard.

SD port allows easy validation between XUB series and PC.

Improved software memory logs cleaning parameters allowing easy cycle repeatability.

Easy traceability of cycle number, time, temperature and sonics validation.



Ergonomic lid included as standard - reduces noise volume and minimises potential of aerosol escape.

Can be cooled with C1G or LT ecocool and CW5.

Drain valve for convenient emptying. Located at the rear of the unit.

Intelligent software remembers last cycle cleaning setting.

Accurate fluid level sensors to ensure bath is not underfilled prior to or during the cycle.

Easy to use single touch LCD control panel with user-settable parameters to suit the individual requirements.

Product highlights

- Temperature range ambient +5°C to 70°C
- Frequency LEAP technology provides more homogeneous ultrasonic activity throughout the tank, reducing dead spots and standing waves
- Accurate process control of time, temperature, ultrasonic activity, degas and power
- Degassing function to remove small bubbles from liquid, reducing the overall time needed for ultrasonic operation
- A choice of five sizes
- Adjustable power that can be reduced from 100 to 50% in 5% increments

Applications

- General use - glass, component cleaning, sonication of cytometer nozzles, dispersion and solubilisation
- Healthcare Research
- Laboratories - degassing fluids, mixing fluids and compounds, cell disruption, fluid dissolution
- Industrial - light manufacturing
- HPLC - degassing of solvents pre analysis
- Biopharm - dissolution of samples

Ultrasonic water baths

Technical specifications



		XUB5	XUB10	XUB12	XUB18	XUB25	XUBA1	XUBA3	
		Digital					Analogue		
Dimensions	h x d x w mm	266 x 235 x 345	266 x 220 x 545	365 x 330 x 342	365 x 385 x 375	365 x 385 x 546	200 x 185 x 198	195 x 166 x 275	
Working capacity	L	4.5	9.5	12.5	17.5	25	1.5	2.5	
Max capacity	L	5	10.5	14	18.5	28	1.75	2.75	
Temperature range	°C	Ambient +5 to 70					N/A	Ambient +5 to 70	
Ultrasonic power	W	100	200	200	300	400	35	35	
	per litre/W	22.2	21	16	17	16	23.3	14	
Operating frequency	KHz	32-38					44		
Frequency LEAP		•					-		
Digital LCD controls		•					-		
SD port with SD card		•					-		
Timer		0-99 minutes					0-15 minutes		
Drain outlet BSP valve		3/8"					N/A		
Heater power	230V W	150	250	300	450	650	N/A	150	
	120V W	125	240	365	480	600	N/A		
Supply voltage	V	120 or 230					230 only		
Weight	kg	6.4	9.3	10.5	12.6	15.1	2.3	3.3	

Options and accessories

		XUB5	XUB10	XUB12	XUB18	XUB25	XUBA1	XUBA3
Replacement ABS lid	Reduce operating noise and potential escape of aerosols*							
Replacement baskets								
	Supports items to be processed and works with the lid as a drip collection unit.*	XAL5 XAB5	XAL10 XAB10	XAL12 XAB12	XAL18 XAB18	XAL25 XAB25	XAL1 XAB1	XAL3 XAB3
	Internal basket dimensions including handle (w x d x h) mm	265 x 120 x 140	467 x 100 x 115	263 x 203 x 193	295 x 267 x 160	463 x 263 x 159	115 x 95 x 87	208 x 115 x 98
Ultrasonic solution								
	General purpose detergent for use with ultrasonic baths.	M2 SOL						

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