7 Ultrasonic baths

XUB range of digital ultrasonic baths

Digitally controlled range with a choice of 5 baths

XUBA range of analogue ultrasonic baths

Entry level baths with analogue controls

Ultrasonic baths

The XUBA and XUB series of reliable, high-performance ultrasonic baths offer fast, safe and cost-effective consistent ultrasonics for various scientific and laboratory applications.

- Innovative transducer technology provides outstanding performance and reliability
- Gentle yet effective cleaning ensuring consistent results for rapid and complete removal of contaminants
- Suitable for sophisticated applications in the scientific sector such as degassing, sonochemistry 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)

3
year warranty

The XUB and XUBA range of baths are ideal for cleaning a wide range of laboratory instruments as well as in other healthcare, medical 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.

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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.

- **Frequency LEAP technology provides more homogeneous ultrasonic activity throughout the tank, reducing dead spots and standing waves**
- **Heated from ambient +5°C to 70°C**
- **Accurate process control of time, temperature, ultrasonic activity, degas and power**
- **Modern, sleek design with stainless steel basket, ABS plastic lid, M2 ultrasonic cleaning solution, SD card and drain tap included as standard**
- **Degassing function to remove small bubbles from liquid, reducing the overall time needed for ultrasonic operation**
- **A choice of 5 sizes**
- **Adjustable power that can be reduced from 100 to 50% in 5% increments**

Example: **XUB12**

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

Stainless steel basket, ergonomic lid, SD card and one bottle of M2 Ultrasonic solution included as standard

SD port allows easy validation tracking 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

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

Ergonomic lid reduces noise volume and minimises potential of aerosol escape

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

Intelligent software remembers last cycle cleaning setting

Accurate fluid level sensors to ensure bath is not under-filled prior to or during the cycle

Drain valve for convenient emptying – located at the rear of the unit

Applications:

- Healthcare/clinical - the first stage of the decontamination process for reusable surgical instruments in dental, podiatry and general practice settings
- General use - glass, equipment, component cleaning, sonication of cytometer nozzles, dispersion and solubulisation
- Laboratories - cleaning of components, degassing fluids, mixing fluids and compounds, cell disruption, fluid dissolution
- Industrial - light manufacturing
- HPLC - degassing of solvents pre analyses
- Biopharm - dissolution of samples

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XUBA entry level 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 bath**
- **Fast, effective, efficient, easy and safe cleaning and processing of diverse instruments, components and solutions**
- **Supplied with stainless steel basket and ABS plastic lid as standard**
- **One bottle of M2 ultrasonic cleaning solution included as standard**
- **Robust design offers outstanding durability and reliability**
- **Control panel easy to operate even when wearing gloves**
- **Time control from 0-15 minutes on both baths**
- **Ambient +5°C to 70°C heating on the XUBA3**

Example: **XUBA3**

Ergonomic lid reduces noise volume and minimises potential of aerosol escape

One bottle of M2 ultrasonic cleaning solution included as standard

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

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

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

Heating function (XUBA3 only) to deliver reduced processing times

Applications:

- Healthcare/Clinical - the first stage of the decontamination process for reusable surgical instruments in dental, podiatry and general practice settings.
- General use - glass, equipment, component cleaning, sonication of cytometer nozzles, dispersion and solubulisation
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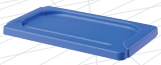
XUB and XUBA ultrasonic water baths range – models and specifications

● = standard
⌋ = bath dimensions with lid
Weight = net weight bath only

		Digital					Analogue	
		XUB5	XUB10	XUB12	XUB18	XUB25	XUBA1	XUBA3
		h: 267 mm d: 200 mm w: 345 mm weight: 5.6kg	h: 267 mm d: 183 mm w: 550 mm weight: 7.7kg	h: 366 mm d: 288 mm w: 345 mm weight: 8.4kg	h: 366 mm d: 347 mm w: 374 mm weight: 10.2kg	h: 366 mm d: 347 mm w: 551 mm weight: 13.3kg	h: 195 mm d: 180 mm w: 197 mm weight: 2.0kg	h: 195 mm d: 180 mm w: 275 mm weight: 2.9kg
Working capacity		4.5L	9.5L	12.5L	17.5L	25L	1.5L	2.5L
Max capacity		5L	10.5L	14L	18.5L	28L	1.75L	2.75L
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		●	●	●	●	●	–	–
Heated		●	●	●	●	●	–	●
Digital LCD controls		●	●	●	●	●	–	–
SD port with SD card		●	●	●	●	●	–	–
Maximum heating capacity	℃	ambient +5 to 70					N/A	ambient +5 to 70
Heater power	W	150	250	250	450	500	N/A	150
Timer	mins	0-99					0-15	0-15
Drain outlet BSP valve		3/8”					N/A	N/A
Supply voltage	V	110 or 230					230 only	

Options and accessories

Replacement ABS lid								
Reduce operating noise and potential escape of aerosols (supplied as standard with the baths) 		XAL5	XAL10	XAL12	XAL18	XAL25	XAL1	XAL3
Replacement baskets								
Support the items to be processed and work with the lid as a drip collection unit (supplied as standard with the baths)		XAB5	XAB10	XAB12	XAB18	XAB25	XAB1	XAB3
Internal basket dimensions including handle	w/d/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. Pack of 6 x 1L bottles		M2 Sol	M2 Sol	M2 Sol	M2 Sol	M2 Sol	M2 Sol	M2 Sol

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