

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



Model shown **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 solubilisation
- **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

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 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**
- **Timer control from 0-15 minutes on both baths**
- **Ambient +5°C to 70°C heating on the 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).



Model shown **XUBA3**

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 solubilisation
- Laboratories - cleaning of components, degassing fluids, mixing fluids and compounds, cell disruption, fluid dissolution
- Industrial - light manufacturing
- Biopharm - dissolution of samples

Ultrasonic baths » Specifications, options and accessories

XUB and XUBA ultrasonic water baths range – Technical specifications

● = standard

		Digital					Analogue	
		XUB5	XUB10	XUB12	XUB18	XUB25	XUBA1	XUBA3
		 h: 266mm d: 235mm w: 345mm weight: 6.4kg	 h: 266mm d: 220mm w: 545mm weight: 9.3kg	 h: 365mm d: 330mm w: 342mm weight: 10.5kg	 h: 365mm d: 385mm w: 375mm weight: 12.6kg	 h: 365mm d: 385mm w: 546mm weight: 15.1kg	 h: 200mm d: 185mm w: 198mm weight: 2.3kg	 h: 195mm d: 166mm w: 275mm weight: 3.3kg
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
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	°C	ambient +5 to 70					N/A	ambient +5 to 70
Heater power	W	150	250	250	450	500	N/A	150
Timer		0-99 mins					0-15 mins	0-15 mins
Drain outlet BSP valve		3/8"					N/A	N/A
Supply voltage	V	120 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 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. Pack of 6 x 1L bottles		M2 Sol	M2 Sol	M2 Sol	M2 Sol	M2 Sol	M2 Sol