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**

BUILT IN BRITAIN — 3 year warranty

Model shown **XUB12**

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.

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.

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

© Grant Instruments (Cambridge) Ltd

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	M2 Sol