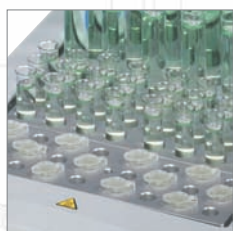


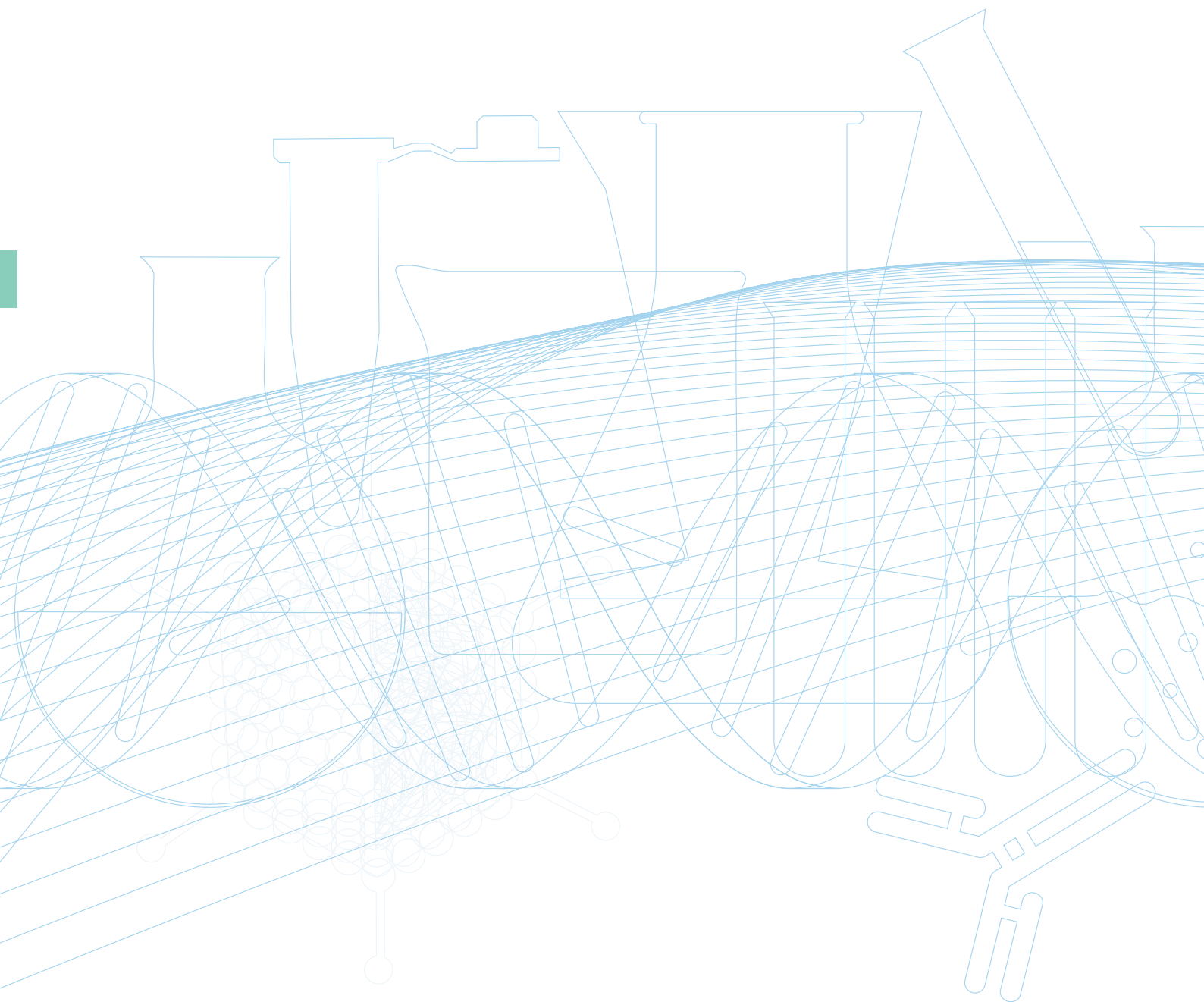
Scientific Equipment

Catalogue 2010 – 2011

Precision temperature control, sample preparation and life sciences products for the world's laboratories



10 Ultrasonic baths



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.

- Unique transducer technology provides outstanding performance and reliability.
- Gentle yet effective cleaning ensuring consistent results for rapid and complete removal of contaminants.
- Ultrasonic baths 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.



The XUB and XUBA range of baths are ideal for cleaning of 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.

XUB Digital Ultrasonic Baths

XUB range of digitally controlled benchtop ultrasonic baths offer consistent and reliable performance in a variety of environments such as laboratory, scientific and healthcare. Incorporating Frequency LEAP technology to ensure uniform levels of ultrasonic activity throughout the fluid, these baths offer vastly improved performance giving a more accurate and precise ultrasonic process.

- Frequency LEAP technology provides more homogeneous ultrasonic activity throughout the tank, reducing dead spots and standing waves
- Heated ambient + 5°C to 70°C
- SD card slot for digital validation allows the results of each cycle to be easily recorded and analysed
- LCD Display, menu driven control panel
- Accurate process control of time, temperature, ultrasonic activity, degas and power
- Modern, sleek design with stainless steel basket, ABS plastic lid and drain tap included as standard
- A choice of 5 sizes

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



Example: 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



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



XUBA Analogue Ultrasonic Baths

Compact analogue controlled range of ultrasonic baths, providing a high standard of reliable and effective ultrasonic technology. Suitable for use in a wide range of applications from healthcare to laboratories, the choice of two baths come in a great value-for-money package, with stainless steel basket and ABS plastic lid included as standard.

- 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 solution included as standard
- Robust design offers outstanding durability and reliability
- Easy to operate control panel dials even when wearing gloves
- Time 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



Stainless steel basket, ABS plastic lid and one bottle of M2 solution included as standard



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



Example: **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, prevent items resting on the tank and prevent operators coming into contact with chemical solutions

Heating function (XUBA3 only) to deliver reduced processing times

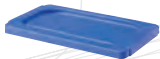
Ultrasonic baths » Specifications, options and accessories

XUB and XUBA ultrasonic water baths range – models and specifications


Ambient +5 to 70°C ● = standard		Digital					Analogue	
		XUB5	XUB10	XUB12	XUB18	XUB25	XUBA1	XUBA3
		 h: 267 mm d: 200 mm w: 345 mm	 h: 267 mm d: 183 mm w: 550 mm	 h: 366 mm d: 288 mm w: 345 mm	 h: 366 mm d: 347 mm w: 374 mm	 h: 366 mm d: 347 mm w: 551 mm	 h: 190 mm d: 160 mm w: 180 mm	 h: 210 mm d: 170 mm w: 270 mm
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	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	mins	0-99					0-15	0-15
Drain outlet BSP valve		3/8"	1/2"				N/A	N/A
Supply voltage	V	230						

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
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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	w/d/h mm	273 x 125 x 90	460 x 110 x 90	265 x 215 x 140	285 x 260 x 140	470 x 270 x 140	120 x 96 x 55	220 x 125 x 40

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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