# grant



# 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

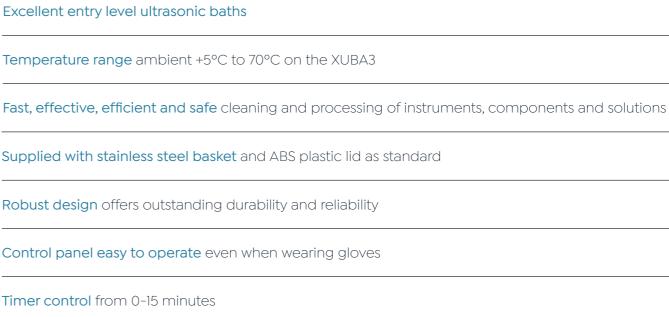
A choice of five digital and two analogue models - XUBA's available in 230V versions only



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.

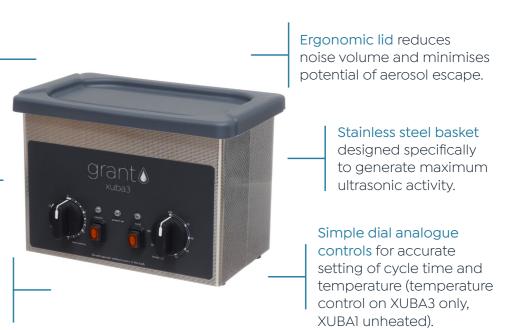
## **XUBA** Entry-level analogue ultrasonic baths

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).



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.

#### **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.



## 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
- A choice of five sizes
- Adjustable power that can be reduced from 100 to 50% in 5% increments

## **Applications**

- Healthcare Research
- Laboratories degassing fluids, mixing fluids and compounds, cell disruption, fluid dissolution

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

Can be cooled with CIG 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.

General use - glass, component cleaning, sonication of cytometer nozzles, dispersion and solubilisation

## Ultrasonic water baths

Technical specifications

		gert a		Brat 4				
		XUB5	XUB10	XUB12	XUB18	XUB25	XUBA1	XUBA3
		Digital			Analogue			
Dimensions	hxdxw 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*	XAL5	XAL10	XAL12	XAL18	XAL25	XALI	XAL3
Replacement bask	kets							
	Supports items to be processed and works with the lid as a drip collection unit.*	XAB5	XAB10	XAB12	XAB18	XAB25	XABI	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	1							
	General purpose detergent for use with ultrasonic baths.	M2 SOL						



Pricing on any accessories shown can be found by keying the part number into the search box on our website. The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

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Please contact us if this literature doesn't answer all your questions.