Shaking water baths » Linear shaking water bath - LSB Aqua Pro range

Linear shaking water bath - LSB Aqua Pro range

Grant quality and design combined with the temperature stability and functions you need in a linear shaking bath for your laboratory.

- Ambient +5°C to 99°C operation
- Stability ±0.1°C
- · Choice of two models 12 and 18 litre
- Drain tap for convenient emptying
- 3 year warranty
- Universal tray and polycarbonate lid included
- Extensive choice of accessory shaking trays



LSB12 model shown

Grant non-drip polycarbonate lid included as standard – improves performance, limits evaporation and conserves energy.

Unique shaking mechanism soft start, quiet operation for smooth shaking over a wide speed range.

Digital PID temperature control circuitry – with sensitive Pt1000 temperature control probe.

Clear, wide-angle viewing LED display.

Universal tray included as standard - additional accessory trays include:

Flask tray - mix and match flask clamps.

Test tube / microtube tray See page 5.3 for full list of trays

Countdown timer with audible alarm – for accurate reaction timing (1-999mins).

User-calibration – single or dualpoint for optimum accuracy at your working temperature.

Front panel lock – disables front panel controls preventing settings being accidentally changed.



Applications:

- Clinical/healthcare thawing/mixing samples
- Pharmaceutical heating and mixing samples
- Science education in schools/universities practical science demonstration and experimentation
- Industrial QC testing, sample preparation

Shaking water baths » LSB Aqua Pro range » Technical specifications

LSB shaking water baths - Technical specifications				
	Linear shaking water bath			
	LSB12	LSB18		
	h: 425mm d: 385mm w: 360mm weight: 8.9kg	h: 425mm d: 395mm w: 335mm weight: 11.2kg		
Tank size L	12	18		
Min/max liquid depth mm	60/93			
Temperature range °C	ambient +5 to 99			
Uniformity (DIN 12876-3) @ 70°C ±°C	0.1			
Stability (DIN 12876-3) @ 70°C ±°C	0.1			
Display	LED			
Linear shaking speed rpm	20 to 200 (depending on load)			
Shaking speed display resolution rpm	1			
Linear shaking stroke length mm	20			
Shaking tray area (d x w) mm	240 x 235 420 x 235			
Timer	1 to 999 mins			
Heater power 120V/230V W	800/800	1050/1400		
Drain tap	yes			
Safety	over-temperature protection / low liquid cut-out			
Supply voltage V	120 or 230			

Accessories	8	LSB12	LSB18	
	Universal tray - with adjustable springs. Highly versatile for a variety of vessel types.	Universal tray		
		TU12	TU18	
	Flask / plate tray - with threaded holes to accept flask clamps or holder for deep well plates (≥2ml). See options below.	Flask / plate tray		
		TF12	TF18	
	Test tube tray - compatible with SR racks or can be used alone to accommodate bags and miscellaneous vessels. See rack options below.	Test tube tray		
		TS12 (holds up to 3 SR racks)	TS18 (holds up to 5 SR racks)	
	Base tray - stainless steel perforated tray allows bath to be used as an unstirred bath.	Base tray		
		SBT12	SBT26	
~	With access hole for cooling coil	Stainless steal sloping lid		
		LU14	LU28	
	Replacement polycarbonate lid	Replacement polycarbonate lid		
		AQL12	AQL26	

Flask clamps and plate holder					
Part Number	Description	LSB12 Capacity	LSB18 Capacity		
SC-25	for 25ml flask	20	35		
SC-50	for 50ml flask	16	28		
SC-100	for 100ml flask	16	28		
SC-250	for 250ml flask	9	15		
SC-500	for 500ml flask	6	8		
SC-1000	for 1000ml flask	4	6		
SH-DWP	1 x deep well plate	1	4		

Test tube racks / microtube racks				
Part Number	Tube diameter (mm)	Rack capacity		
SR-10	10	48		
SR-13	13	44		
SR-16	16	24		
SR-19	19	21		
SR-25	25	12		
SR-30	30	10		
Part Number	Microtube size (ml)	Rack capacity		
SR-SE	0.5	119		
SR-LE	1.5	48		

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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.