

Basic digital water bath range – JB Academy

An ideal choice for schools and colleges requiring a basic, simple-to-use quality water bath. Base tray included as standard*. A great value range consisting of three models - 5L, 12L and 18L.

- **Ambient +5°C to 95°C**
- **Unique Set and Forget™ technology** - fast heat-up, reliable temperature control
- **Stability ±0.5°C**
- **Simple, intuitive controls** - quick and easy to set temperature
- **Practical front panel lock** - disables front panel controls preventing unintentional temperature changes
- **3 year warranty**



JBA12 model shown



* lid sold separatly

Markets:

- Education, schools, colleges and industry




Applications:

- Practical science demonstration, sample warming, media preparation








Unstirred water baths » JB Academy range » Specifications, options and accessories

JB Academy digital unstirred water bath range – Technical specifications

● = standard

		Basic unstirred water baths – JB Academy		
		JBA5	JBA12	JBA18
		 h: 205mm d: 215mm w: 335mm weight: 3.5kg	 h: 227mm d: 390mm w: 360mm weight: 5.5kg	 h: 277mm d: 590mm w: 335mm weight: 8kg
Tank capacity	L	5	12	18
Min/max liquid depth	mm	50/125	50/125	50/125
Temperature range	°C	ambient +5 to 95		
Temp.display and setting resolution	°C	0.5		
Temp stability (DIN 12876) @ 70°C	±°C	0.5		
Temperature setting		digital		
Fixed thermal cut-out		●		
Dry start/run dry protection		●		
Working area (d x w)	mm	131 x 281	306 x 281	485 x 281
Heater power 230V/120V	W	350/350	800/800	1400/1050
Supply voltage	V	120 or 230		
Regulatory Approval		CE and CSA approved		

Options and accessories

	JBA5	JBA12	JBA18
	5L	12L	18L
	Polycarbonate transparent lids*		
	AQL5	AQL12	AQL26
	Directs condensation away from immersed vessels, avoids contamination, reduces evaporation and saves energy.		
	Stainless steel sloping lids*		
	LU6	LU14	LU28
	Flat lids*		
	LF6 (2 ring sets)	LF14 (4 ring sets)	LF28 (6 ring sets)
	With ring sets of variable hole diameter to accommodate tall vessels whilst reducing evaporation.		
	Polypropylene spheres* (packs per bath)		
	1 x PS20	1 x PS20	2 x PS20
	Useful alternative to a lid, minimises evaporation and heat loss whilst allowing easy access to vessels in the bath; particularly useful for tall vessels.		
	Raised shelves – reversible, allows two shelf depths. h = shelf height above tank base (mm)		
	–	RS14H (h 40 or 78) shelf covers half area of JBA12	RS18H (h 40 or 135) shelf covers half area of JBA18
	Racks (no. per bath)		
	1 x J2	2 x J2	4 x J2
	Choice of 8 variants to accommodate different tube diameters and microtubes (see below).		
	Replacement base trays		
	AQBT5	AQBT12	AQBT26
	Required if flat-bottomed flasks are to be placed directly on the base of the bath and to promote thermal convection in the bath		

* lid or spheres recommended to be used above 60°C.

Unstirred Bath Racks

Rack	Tube size Ø	Capacity	Rack	Tube size Ø	Capacity	Rack	Tube size Ø	Capacity	Rack	Tube size Ø	Capacity
J2-10	10mm	84	J2-16	16mm	36	J2-25	25mm	18	J2-SE	0.5ml	105
J2-13	13mm	55	J2-19	19mm	32	J2-30	30mm	12	J2-LE	1.5ml	65