

Unstirred water baths » SUB Aqua Pro » **NEW!**

Advanced digital water bath range - SUB Aqua Pro

Built to the highest standard and specifications, and incorporating the latest technology the SUB Aqua Pro advanced water bath range supports even the most demanding applications requiring accurate temperature control. Choose from eight models with base tray and lid included as standard.

- **Ambient +5°C to 99°C operation**
- **Set and Forget™ technology - fast heat-up, accurate temperature control**
- **Stability ±0.2°C**
- **Adjustable over temperature alarm - protect samples from over heating**
- **Advanced dry start and run dry protection**
- **Three programmable temperature presets**
- **3 year warranty**



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

Advanced dry run and run dry protection – prevents costly service repairs in case bath is switched on or run without water. Simply fill and restart

Drain tap – allows convenient emptying on 12L, 18L, 26L, 34L, dual 5&12L baths

Heater mat and sensor bonded to underside of tank – optimised uniformity and work space. Tank easy to clean.

Three programmable temperature presets – allows commonly used temperatures to be quickly selected

User calibration – single or dual-point for optimum accuracy at your working temperatures

SAP12 model shown
Clear, wide-angle viewing LED display – instant reassurance of bath status

Front panel lock disables front panel controls preventing unintentional temperature changes

User settable over-temperature alarm – provides sample protection. Alerts the user and cuts off heating at user defined temperature

Fixed thermal cut-out – independent safety cut-out

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









Digital PID control for quick heat-up and precision control throughout the temperature range

Markets: ■ Pharma/biotech, education, industry, healthcare








Applications: ■ Sample preparation, sample incubation, sample warming, sample thawing, media preparation, QC materials, practical science demonstration

Unstirred water baths » SUB Aqua Pro » Specifications, options and accessories

SUB Aqua Pro digital unstirred water bath range – summary of specifications

		Advanced unstirred baths – SUB Aqua Pro							
		SAP2	SAP2S	SAP5	SAP12	SAP18	SAP26	SAP34	SAPD
									
		3 kg l: 200 mm w: 185 mm h: 200 mm	3 kg l: 215 mm w: 335 mm h: 150 mm	3 kg l: 215 mm w: 335 mm h: 200 mm	6 kg l: 380 mm w: 360 mm h: 225 mm	9 kg l: 590 mm w: 335 mm h: 275 mm	9 kg l: 590 mm w: 335 mm h: 275 mm	14.5 kg l: 770 mm w: 335 mm h: 275 mm	9 kg l: 380 mm w: 545 mm h: 225 mm
Tank capacity		2L	2L (shallow)	5L	12L	18L	26L	34L	5L & 12L
Temperature range		ambient + 5 to 99°C							
Temp. display and setting resolution		0.1°C							
Temp stability (DIN 12876) @ 70°C		±0.2°C							
Temperature setting/energy regulation		digital							
User adjustable over temp. alarm		●							
Fixed thermal cut-out		●							
Dry start/run dry protection		●							
Programmable temp. presets		3							
Countdown timer with audible alarm		1 to 999 mins							
Working area l x w	mm	117 x 131	139 x 289	131 x 281	281 x 306	485 x 281	481 x 278	635 x 281	131/281 & 281/306
Drain tap		–	–	–	●	●	●	●	●
Heater power	120V/ 230V kW	0.25/0.25	0.35/0.35	0.35/0.35	0.8/0.8	1.4/1.05	1.4/1.05	1.8/1.3	1.15/1.15
Supply voltage	V	120 or 230							
		CE and CSA approved							

Options and accessories

		SAP2	SAP2S	SAP5	SAP12	SAP18	SAP26	SAP34	SAPD
		2L	2L	5L	12L	18L	26L	34L	5L and 12L
	Replacement polycarbonate transparent lids*	AQL2	AQL5	AQL5	AQL12	AQL26	AQL26	–	AQL5, AQL12
		Directs condensation away from immersed vessels, avoids contamination, reduces evaporation and saves energy							
	Stainless steel sloping lids*	–	LU6	LU6	LU14	LU28	LU28	LU36	LU6 & LU14
	Flat lids*	–	–	LF6 (2 ring sets)	LF14 (4 ring sets)	LF28 (6 ring sets)	LF28 (6 ring sets)	LF36 (8 ring sets)	LF6 / LF14
		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	1 x PS20	1 x PS20	2 x PS20	2 x PS20	3 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 SAP12	RS18H (h 40 or 135) shelf covers half area of SAP18	RS28H (h 45 or 135) shelf covers half area of SAP26	RS36H (h 45 or 135) shelf covers half area of SAP34	RS14H (h 40 or 78) shelf covers half area of SAPD
	Racks (no. per bath)	–	–	1 x J2	2 x J2	4 x J2	4 x J2	6 x J2	1 + 2 x J2
		Choice of 8 variants to accommodate different tube diameters and microtubes (see below)							
	Replacement base trays	AQBT2	AQBT5	AQBT5	AQBT12	AQBT26	AQBT26	SBT36	AQBT5 & AQBT12
		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 for use above 60°C

Unstirred Bath Racks

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