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. A choice of 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

SAP12 model shown

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 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 – protects samples from overheating. 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

Markets:

- Pharma/biotech, education, industrial, 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

	a i io digital	unsurred	water bat	_	- summar			ns			
				Advance	ed unstirred ba	aths - SUB A	qua Pro				
		SAP2	SAP2S	SAP5	SAP12	SAP18	SAP26	SAP34	SAPD		
		-				1	3		dig		
		3 kg l: 200 n w: 185 n h: 200 n	nm w: 335 mm	w: 335 mm	6 kg l: 380 mm w: 360 mm h: 225 mm	9 kg l: 590mm w: 335 mm h: 275 mm	9 kg I: 590 mi w: 335 mi h: 275 mi	m w: 335 n	nm w: 545		
ank capacity		2L	2L (shallow)	5L	12L	18L	26L	34L	5L & 12		
emperature rang	ge		ambient + 5 to 99°C								
mp. display ar	nd setting resolution				0.1°	С					
mp stability (D	OIN 12876) @ 70	°C			±0.2	°C					
	ting/energy regulation	on			digit	:al					
	over temp, alarm				•						
xed thermal cu	<u> </u>										
y start/boil dry					•						
ogrammable te	•				3						
	emp. presets er with audible alarm				1 to 999	mins					
orking volume			15 145/290/300	145/290/115	315/290/115		495/290/16	5 630/290/10	60 145/290/1 315/290/		
ain tap include	ed	-	-	-		•	•	•	•		
eater power	120V/ 230V k	W 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.		
upply voltage		V			120 or	230			'		
	nd accessor										
		SAP2S 2 L	SAP5	SAP12 12 L	SAP18	SAF		SAP34	SAPD 5 L and 12		
	2 L	2 L	5 L	SAP12 12 L	SAP18 18 L	SAF 26		SAP34 34 L			
	2 L Replacement poly	2 L carbonate tran	5 L	12 L	18 L	26	L		5 L and 12		
	2 L Replacement poly	2 L carbonate tran	5 L esparent lids*	12 L AQL12	18 L AQL26	26	L L26		5 L and 12		
	2 L Replacement poly AQL2 Directs condensation a	2 L carbonate tran AQL5 away from immers	5 L esparent lids*	12 L AQL12	18 L AQL26	26	L L26		5 L and 12		
	2 L Replacement poly	2 L carbonate tran AQL5 away from immers ping lids*	5 L sparent lids* AQL5 ed vessels, avoids	12 L AQL12 contamination, re	AQL26 duces evaporatio	AQI n and saves en	L L26 ergy	34 L	5 L and 12		
	2 L Replacement poly AQL2 Directs condensation a Stainless steel slo	2 L carbonate tran AQL5 away from immers	5 L esparent lids*	12 L AQL12	18 L AQL26	26	L L26 ergy		5 L and 12		
	2 L Replacement poly AQL2 Directs condensation a	2 L carbonate tran AQL5 way from immers ping lids* LU6	5 L sparent lids* AQL5 ed vessels, avoids	12 L AQL12 contamination, re	AQL26 duces evaporatio	AQI n and saves en	L	34 L	AQL5, AQL		
	2 L Replacement poly AQL2 Directs condensation a Stainless steel slo	2 L carbonate tran AQL5 away from immers ping lids* LU6	5 L sparent lids* AQL5 ed vessels, avoids LU6 LF6 (2 ring sets)	AQL12 contamination, re LU14 LF14 (4 ring set	AQL26 duces evaporatio LU28 s) LF28 (6 ring s	AQI n and saves en LU LF28 (6	L	34 L	AQL5, AQL		
	2 L Replacement poly AQL2 Directs condensation a Stainless steel slo - Flat lids*	2 L carbonate tran AQL5 way from immers ping lids* LU6	5 L asparent lids* AQL5 ed vessels, avoids LU6 LF6 (2 ring sets) to accommodate ta	AQL12 contamination, re LU14 LF14 (4 ring set	AQL26 duces evaporatio LU28 s) LF28 (6 ring s	AQI n and saves en LU LF28 (6	L	34 L	AQL5, AQL		
	2 L Replacement poly AQL2 Directs condensation a Stainless steel slo - Flat lids* With ring sets of variab	2 L carbonate tran AQL5 way from immers ping lids* LU6	5 L asparent lids* AQL5 ed vessels, avoids LU6 LF6 (2 ring sets) to accommodate ta	AQL12 contamination, re LU14 LF14 (4 ring set	AQL26 duces evaporatio LU28 s) LF28 (6 ring s	AQI n and saves en LU sets) LF28 (6	L 26 ergy 28 ring sets) LF3	34 L	AQL5, AQL LU6 & LU		
	2 L Replacement poly AQL2 Directs condensation a Stainless steel slo - Flat lids* With ring sets of variat Polypropylene sph	2 L carbonate tran AQL5 away from immers ping lids* LU6 LU6 ble hole diameter to the eres* (packs per	5 L Isparent lids* AQL5 ed vessels, avoids LU6 LF6 (2 ring sets) to accommodate te	AQL12 contamination, re LU14 LF14 (4 ring set II vessels whilst re	AQL26 duces evaporatio LU28 s) LF28 (6 ring seducing evaporatio	AQI n and saves en LU sets) LF28 (6	L L26 ergy 28 28 LF3	34 L - LU36 36 (8 ring sets)	5 L and 12 AQL5, AQL LU6 & LU LF6 / LF1		
	2 L Replacement poly AQL2 Directs condensation a Stainless steel slo - Flat lids* - With ring sets of variat Polypropylene sph 1 x PS20	2 L carbonate tran AQL5 away from immers ping lids* LU6 ble hole diameter teres* (packs per 1 x PS20 lid, minimises eva	sparent lids* AQL5 ed vessels, avoids LU6 LF6 (2 ring sets) to accommodate tar bath) 1 x PS20 poration and heat	AQL12 contamination, re LU14 LF14 (4 ring set all vessels whilst re 1 x PS20 oss whilst allowin	AQL26 duces evaporatio LU28 s) LF28 (6 ring s educing evaporatio	AQI n and saves en LU sets) LF28 (6 on	L L26 ergy 28 28 LF3	34 L - LU36 36 (8 ring sets)	5 L and 12 AQL5, AQI LU6 & LU LF6 / LF1		
	2 L Replacement poly AQL2 Directs condensation a Stainless steel slo - Flat lids* - With ring sets of variat Polypropylene sph 1 x PS20 Useful alternative to a	2 L carbonate tran AQL5 away from immers ping lids* LU6 ble hole diameter teres* (packs per 1 x PS20 lid, minimises eva	sparent lids* AQL5 ed vessels, avoids LU6 LF6 (2 ring sets) to accommodate tar bath) 1 x PS20 poration and heat	AQL12 contamination, re LU14 LF14 (4 ring set all vessels whilst re 1 x PS20 oss whilst allowin	AQL26 duces evaporatio LU28 s) LF28 (6 ring s educing evaporatio	AQI n and saves en LU sets) LF28 (6 on 2 x F vessels in the b (h 45 c s shelf c	L L26 ergy 28 zring sets) LF3 PS20 path; particular r135 provers sea of	34 L - LU36 36 (8 ring sets)	AQL5, AQI LU6 & LU LF6 / LF1 2 x PS20 vessels RS14H (h 40 or 78 shelf covers		
	Polypropylene sph 1 x PS20 Useful alternative to a Raised shelves — re	2 L carbonate tran AQL5 away from immers ping lids* LU6 ble hole diameter teres* (packs per 1 x PS20 lid, minimises eva	sparent lids* AQL5 ed vessels, avoids LU6 LF6 (2 ring sets) to accommodate tar bath) 1 x PS20 poration and heat	AQL12 contamination, re LU14 LF14 (4 ring set Il vessels whilst re 1 x PS20 oss whilst allowin = shelf height abo RS14H (h 40 or 78) shelf covers half area of	AQL26 duces evaporatio LU28 LV28 LF28 (6 ring seducing evaporation 2 x PS20 g easy access to ove tank base (mn RS18H (fn 40 or 135) shelf covershalf area or	AQI n and saves en LU sets) LF28 (6 on 2 x F vessels in the b n) RS2 (n 45 c shelf c laf and fall	L L26 ergy 28 zring sets) LF3 PS20 path; particular r135 provers sea of	LU36 LU36 36 (8 ring sets) 3 x PS20 1y useful for tall RS36H (n 45 or 135) shelf covers half area of	AQL5, AQL LU6 & LU LF6 / LF1 2 x PS20 vessels RS14H (h 40 or 78) shelf covers		
	2 L Replacement poly AQL2 Directs condensation a Stainless steel slo - Flat lids* - With ring sets of variat Polypropylene sph 1 x PS20 Useful alternative to a	2 L carbonate tran AQL5 away from immers ping lids* LU6 ble hole diameter teres* (packs per 1 x PS20 lid, minimises eva	sparent lids* AQL5 ed vessels, avoids LU6 LF6 (2 ring sets) to accommodate tar bath) 1 x PS20 poration and heat to wo shelf depths. h	AQL12 contamination, re LU14 LF14 (4 ring set 1 x PS20 oss whilst allowin = shelf height abo RS14H (h 40 or 78) shelf covers half area of SAP12	AQL26 duces evaporatio LU28 s) LF28 (6 ring s educing evaporati 2 x PS20 g easy access to eve tank base (mn RS18H (h 40 or 135) shelf cover half area or SAP18	AQI n and saves en LU sets) LF28 (6 on 2 x F vessels in the b n) RS2 shelf of half an SAF	L L26 ergy 28 zing sets) LF3 2820 bath; particular r135) covers ea of 226	LU36 LU36 36 (8 ring sets) 3 x PS20 ly useful for tall RS36H (h 45 or 135) shelf covers half area of SAP34	AQL5, AQI LU6 & LU LF6 / LF1 2 x PS20 vessels RS14H (h 40 or 78 shelf covers area of SAF		
	2 L Replacement poly AQL2 Directs condensation a Stainless steel slo - Flat lids* With ring sets of variat Polypropylene sph 1 x PS20 Useful alternative to a Raised shelves - re - Racks (no. per bath)	2 L carbonate tran AQL5 way from immers ping lids* LU6 LU6 LU6 LV6 LV7 LV8	5 L asparent lids* AQL5 ed vessels, avoids LU6 LF6 (2 ring sets) to accommodate tar bath) 1 x PS20 poration and heat to wo shelf depths. h -	AQL12 contamination, re LU14 LF14 (4 ring set 1 x PS20 oss whilst allowin = shelf height abo RS14H (h 40 or 78) shelf covers half area of SAP12 2 x J2	AQL26 duces evaporatio LU28 s) LF28 (6 ring s aducing evaporati 2 x PS20 g easy access to eve tank base (mn RS18H (h 40 or 135 shelf cover half area of SAP18	AQI n and saves en LU sets) LF28 (6 on 2 x F vessels in the b n) RS2 (n 45 c shelf c laf and fall	L L26 ergy 28 zing sets) LF3 2820 bath; particular r135) covers ea of 226	LU36 LU36 36 (8 ring sets) 3 x PS20 1y useful for tall RS36H (n 45 or 135) shelf covers half area of	AQL5, AQL LU6 & LU LF6 / LF1 2 x PS20 vessels RS14H (h 40 or 78) shelf covers area of SAF		
	Polypropylene sph 1 x PS20 Useful alternative to a Raised shelves - re Racks (no. per bath) Choice of 8 variants to	2 L carbonate tran AQL5 way from immers ping lids* LU6 lele hole diameter theres* (packs per 1 x PS20 lid, minimises evalueversible, allows the accommodate di	5 L asparent lids* AQL5 ed vessels, avoids LU6 LF6 (2 ring sets) to accommodate tar bath) 1 x PS20 poration and heat to wo shelf depths. h -	AQL12 contamination, re LU14 LF14 (4 ring set 1 x PS20 oss whilst allowin = shelf height abo RS14H (h 40 or 78) shelf covers half area of SAP12 2 x J2	AQL26 duces evaporatio LU28 s) LF28 (6 ring s aducing evaporati 2 x PS20 g easy access to eve tank base (mn RS18H (h 40 or 135 shelf cover half area of SAP18	AQI n and saves en LU sets) LF28 (6 on 2 x F vessels in the b n) RS2 shelf of half an SAF	L L26 ergy 28 zing sets) LF3 2820 bath; particular r135) covers ea of 226	LU36 LU36 36 (8 ring sets) 3 x PS20 ly useful for tall RS36H (h 45 or 135) shelf covers half area of SAP34	AQL5, AQL LU6 & LU LF6 / LF1 2 x PS20 vessels RS14H (h 40 or 78) shelf covers area of SAF		
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	Polypropylene sph 1 x PS20 Useful alternative to a Raised shelves - re Racks (no. per bath) Choice of 8 variants to	2 L carbonate tran AQL5 way from immers ping lids* LU6 lele hole diameter theres* (packs per 1 x PS20 lid, minimises evalueversible, allows the accommodate di	5 L asparent lids* AQL5 ed vessels, avoids LU6 LF6 (2 ring sets) to accommodate tar bath) 1 x PS20 poration and heat to wo shelf depths. h -	AQL12 contamination, re LU14 LF14 (4 ring set 1 x PS20 oss whilst allowin = shelf height abo RS14H (h 40 or 78) shelf covers half area of SAP12 2 x J2	AQL26 duces evaporatio LU28 s) LF28 (6 ring s aducing evaporati 2 x PS20 g easy access to eve tank base (mn RS18H (h 40 or 135 shelf cover half area of SAP18	AQI n and saves en LU LF28 (6 on 2 x F vessels in the b n) RS2 (h 45 c shelf of half an SAF	L L26 ergy 28 28 ring sets) LF3 2820 ath; particular r135) sovers ea of 226 J2	LU36 LU36 36 (8 ring sets) 3 x PS20 ly useful for tall RS36H (h 45 or 135) shelf covers half area of SAP34	AQL5, AQI LU6 & LU LF6 / LF1 2 x PS20 vessels RS14H (h 40 or 78 shelf covers area of SAF		

^{*} lid or spheres recommended for use above 60°C

	Unstirred	Jnstirred Bath Racks									
Ì	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					