



Model 830-S2



Model 830-P2

Features & Benefits

- PID controller with auto-tuning to ensure rapid heating, minimum temperature fluctuation and overshoot.
- Push-button operation and LED screen display digitally both the set and actual temperatures to $\pm 0.1^{\circ}\text{C}$ and can be locked.
- Auto diagnostic system integrated in the controller ensures rapid identification and correction in the event of any error.
- Off-set function for calibration use. Important for ISO/Calibration requirement.
- Back-up system memory protects the set point value in case of power failure.
- Detachable controller - can be used on any suitable size containers.
- With built-in circuit breaker to ensure safe and lasting operation.
- Stirring motor ensures temperature uniformity throughout the bath.

Optional Accessories

- Stainless steel gable cover C1 for S1 tank
- Stainless steel gable cover C2 for S2 tank
- Flat Perspex cover PC1 for P1 tank
- Flat Perspex cover PC2 for P2 tank
- Flat Perspex cover PC3 for P3 tank
- Plastic test tube rack of 55 holes for 4 up to 18mm \varnothing test tubes (C/N 430010 -TM)

Specifications

MODEL	830-S1	830-S2	830-P1	830-P2	830-P3
Bath material	Interior SUS 304 stainless steel and exterior coated mild steel		Perspex		
Temp. working range	5°C above ambient temperature to 100°C		5°C above ambient temperature to 65°C		
Temp. control range	0°C to 100°C. Below ambient with external cooler				
Controller	PID controller				
Setting and display	Digital, read out to 0.1°C				
Accuracy	$\pm 0.1^{\circ}\text{C}$				
Sensor	PT-100				
Safety device	Complete with circuit breaker as standard				
Heater	960 watt				
Stirring	By means of built-in circulating pump				
Bath capacity	20 litres	10 litres	10 litres	22 litres	28 litres
Bath dimensions (mm)	495Wx290Dx150H	300Wx240Dx150H	128Wx455Dx195H	255Wx452Dx186H	330Wx453Dx188H
Working area (mm)	375Wx290Dx150H	190Wx240Dx150H	128Wx225Dx195H	255Wx225Dx186H	330Wx225Dx188H
Overall dimensions (tank only) (mm)	547Wx340Dx205H	345Wx290Dx195H	145 Wx470Dx225H	270Wx470Dx215H	348Wx470Dx215H
Weight	8 kg	6.6 kg	6.3 kg	7.5 kg	8.7 kg
Power source	240 VAC, 50Hz, 4A				

All specifications are subject to change without prior notice.