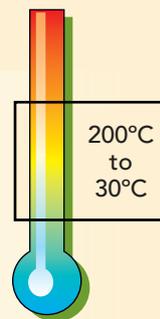


820 Large Volume Liquid

Calibration Bath



If you have a large number of sensors to calibrate then this new economically priced stirred liquid bath is the solution.

The Aquarium bath has been introduced to provide a liquid calibration bath with a large volume. This is to allow the bath to be used with many temperature probes simultaneously immersed in the bath or with accessories it may be used to maintain standard resistors at a constant temperature.

The liquid in the bath is heated to the set temperature and circulated by a propeller system.

The Aquarium is of robust construction and the liquid is contained in a stainless steel insulated enclosure which has a calibration volume 185mm long x 140mm wide x 300mm deep.

Controller Note:

The controller includes features custom designed for Isotech by a world-leader in temperature control technology. Power feedback is used to stabilise against supply voltage changes, leading to greater stability. A digital filter circuit ensures high integrity of measurement correcting for drift, rejecting 50/60HZ pick-up and filtering out other sources of input noise. The four-digit display autoscales from 0.01° to 0.1°.

*Large volume for the calibration of a number of sensors,
Wide temperature range 30°C to 200°C, 10 page
evaluation report on request,
Good comparison accuracy $\pm 0.01^\circ\text{C}$ inside equalising block*



Model No.	820
Accuracy	Better than $\pm 0.01^\circ\text{C}$ by comparison in equalising block
Temperature range	Ambient +5°C to 200°C
Available calibration volume	185mm x 140mm x 300mm
Capacity	Approximately 15 litres
Maximum depth of immersion	300mm
Power	1000W 108-130 or 208-240VAC, 50/60Hz
Performance summary	Please ask for the 10 page full evaluation
Communications	Supplied as standard with serial interface, PC adaptor cable and Cal NotePad, See page 46
Recommended liquids	Water to 90°C, Silicon Oil to 200°C Oil for standard resistors
Dimensions	Height 645mm Overall Width 240mm Depth 378mm
Weight	17 kg
Options	
820/01	Standard Resistor Holder
820/02	Standard Aluminium Equalising Block
820/02S	Special Drilling Equalising Block
915/07	Medium Viscosity Oil 40°C to 180°C
915/08	High Viscosity Oil 150°C to 250°C
915/09	VH Temperature Oil 50°C to 288°C
932-19-72	Standard Resistor Oil
How to Order	
820 Large Volume Liquid Calibration Bath	
Please specify voltage required	