



Temperature Bath / Calibrator

J.N.THERMOCONTROLS dry block temperature calibrator is designed to provide stable and accurate temperature which makes calibration a neat, easy and safe task.

J.N.Thermocontrols dry block temperature calibrator let you accurately calibrate RTD's Thermocouple' Dial thermometer etc. Conveniently by comparison method.



These rugged temperature calibrator, essentially comprises of a metal block, electrically heated and precisely controlled, using microprocessor based PID controller. Optionally An additional digital temperature indicator & sensor duly calibrated & having traceable calibration certificate can also be provided for use as external reference for comparison purpose.

Temperature range	200°C to 1100°C
Type	Electrically heated Dry Block
Resolution	1°C or better
Stability	± 0.5°C for 10 min
Control Philosophy	auto tuned PID controller
Reference Temperature Comparison	6 MM dia hole for controller (Reference sensor & indicator optional)
Immersion Depth	175 MM
Heating Time to Max.	Aprox. 90 min . max
Stabilizing time	Aprox. 45 min
Heating Element	Kenthal
Power Supply	220 V AC ± 10% 1.2 KW
Housing	M S Powder coated
Mounting	Table top
Dimension	H 11" X W 10" X L 15"
Weight	8 kg aprox.
Accessory Provided	.Metal block 60 MM OD 150 MM long having block holes as Follows 2 x 4 MM OD, 2 x 6 MM OD, 2 x 8 MM OD, 2 x 10 MM OD Block hole depth 100MM
Optional Accessories	Inconel metal block Reference Digital Temperature Indicator and sensor



J. N. THERMOCONTROLS
AN ISO 9001 : 2008 COMPANY



Control stability is typically $\pm 1^{\circ}\text{C}$ and is directly readable from display eliminating any guess work. However the calibration accuracy is only limited by the accuracy of the standard / reference sensor or thermometer used

Features:

- Temperature range up to 1000°C
- Fast, stable, accurate & maintenance free
- High Immersion length enables calibration of analogue dial type thermometers
- Auto tuned PID controller with 5 recipe memory
- Heater high / low position selectors switch enables the use on low temperatures also