

Temperature

Nagman Fluidized Bath

Semi-Portable Medium Temperature Calibrators

Ideal choice for simultaneous Calibration of several Temperature Sensors in quick time – Thermocouples / RTD Assemblies, Glass Thermometers, Filled System (Dial) Thermometers / Temperature Switches etc.

Calibration of bulky / heavy, odd shaped / sized Sensors – a must for Process Industries, Power Stations etc. with 1000s of Temperature Sensors installed.

Models

FB 06S /FB 06L

- Range : 20°C above Ambient to 600°C
- Accuracy : $\pm 1.5^\circ\text{C}$
- Dry, relatively inert / clean / non-toxic safe
- Compact Design / Cost Effective
- No Fitment / Immersion Problems
- Short / Long Immersion - to suit Multitype / Multiple Sensor Calibration
- Rapid Heat Transfer & Precise Temperature Control
- Stainless Steel Inner Container
- Complete with Moisture Separator, Flow Meter, Pressure Regulator, Autotune PID Temperature Control, Cooling Coil etc.
- Switch Test facility
- Castor Wheels for easy movement
- RS-232 Computer Interface & "Caltemp" Calibration Software – Optional



Specifications**FB 06S / FB 06L**

	FB 06S	FB 06L
Range	20°C above Ambient to 600°C	20°C above Ambient to 600°C
Resolution	1°C	1°C
Accuracy	±1.5°C	±1.5°C
Stability	±0.5°C	±0.5°C
Stabilisation Time	25 Minutes	25 Minutes
Working Chamber Dia	155 mm	225 mm
Immersion Depth	250 mm	400 mm
Heating Time (Ambient to max.)	50 Minutes	90 Minutes
Cooling time (to 100°C)	3 Hours (without cooling attachment) 45 Minutes (with cooling attachment)	5 Hours (without cooling attachment) 75 Minutes (with cooling attachment)
Temperature Readout (PID Controller)	°C / °F Selectable	°C / °F Selectable
Air Pressure **	1 to 1.5 Kg/cm ²	1 to 1.5 Kg/cm ²
Air Flow	25 LPM	45 LPM
Weight of Medium	6 Kgs	17 Kgs
Inner Container	Stainless Steel	Stainless Steel
Power Supply	2 KW	4 KW
Dimension (W x D x H)	800 x 350 x 570 mm	750 x 450 x 800 mm
Weight (without Medium)	40 Kgs.	65 Kgs.
Weight of Medium	Floor Model / Castor Wheel	Floor Model / Castor Wheel

STANDARD DELIVERY

- Fluidized Bath complete with Moisture separator, Flow Meter, Pressure Regulator
- Over Spill Flange & Cooling Coil attachment *
- Test Leads for Switch Test
- Aluminium Oxide Powder :
6 Kgs. (FB 06S), 17 Kgs. (FB 06L)
- Evacuation System
- Traceable Calibration Certificate
- Instruction Manual

OPTIONALS

- Probe Plate Basket (Plate drilled to suit probes)
- Probe Carrier / Holder to suit – specify dia of Probe to be calibrated & number of probes (max. 8)
- Air Filter
- Equalizing Block (Single/Multihole) to achieve higher Stability (±0.1°C)
- RS-232 Computer Interface & Calibration Software
- Calibration Certificate from NABL Accredited – as per ISO/IEC 17025:2005 Laboratory

* Tap Water supply required

** Dry Compressed Air required (@ 7 Bar).

Product of

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