

Fluidized Bath

Semi-Portable

FB 06S

Stirred Bath

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.

SALIENT FEATURES

Compact Design / Cost Effective

Dry, relatively inert / clean / non-toxic safe

No Fitment / Immersion Problems

Short / Long Immersion - to suit Multitype / Multiple Sensor Calibration

Rapid Heat Transfer & Precise Temperature Control

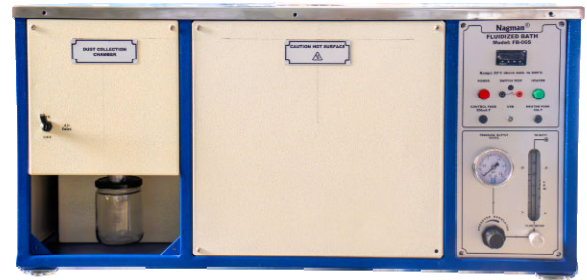
Stainless Steel Inner Container

Complete with Moisture Separator, Flow Meter, Pressure Regulator, Autotune PID Temperature Control, Cooling Coil etc.

Switch Test facility

Castor Wheels for easy movement

Computer Interface & "Caltemp" Calibration Software – Optional



SPECIFICATIONS

Models	FB 06S
Range	20°C above Ambient to 600°C
Resolution	0.1°C
Accuracy	±1°C
Stability	±0.2°C
Stabilization Time	25 Minutes
Working Chamber Dia	155 mm
Immersion Depth	250 mm
Heating Time (Ambient to max.)	50 Minutes (approx.)
Cooling time (to 100°C)	3 Hours (without cooling attachment) 45 Minutes (with cooling attachment)
Temperature Readout (PID Controller)	°C / °F Selectable
Air Pressure **	1 to 1.5 Kg/cm ²
Air Flow	25 LPM(max)
Weight of Medium	6 Kgs
Inner Container	Stainless Steel
Power Supply	2 KW
Dimension (W x D x H)	800 x 350 x 570 mm
Weight (without Medium)	40 Kgs. (approx.)
Mounting	Floor Model / Castor Wheel

QUANTITY: 1 No.

STANDARD INCLUSIONS

- Fluidized Bath completes with Moisture separator, Flow Meter, Pressure Regulator
- Over Spill Flange & Cooling Coil attachment *
- Test Leads for Switch Test
- Aluminium Oxide Powder : 6 Kgs.
- Evacuation System
- Calibration Certificates are issued in Accordance with our Scope as granted by NABL per ISO/IEC 17025:2017 Standards
- Instruction Manual

OPTIONAL (ADD-ON) ITEMS

- 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 ($\pm 0.1^{\circ}\text{C}$)
- Computer Interface & Calibration Software

* Tap Water supply required ** Dry Compressed Air required (@ 7 bar).

Manufactured by



Since 1972

NAGMAN INSTRUMENTS AND ELECTRONICS PRIVATE LIMITED

AN ISO 9001:2015 CERTIFIED COMPANY

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