

Medium Temperature Dry Block Calibrator

Portable/Benchtop

650-H/650-H2

Heavy Duty

Heavy Duty Models with an array of Interchangeable/Multihole Thermowells

Ideal for quick/fast Site Calibration of RTDs/TCs/Bi-Metal Thermometers, Temperature Switches/Indicators etc. in Industrial & Marine Applications

Meets the requirements of "Safety of Life at Sea" (SOLAS IX Maintenance Regulations) & "International Safety Management" (ISM)

SALIENT FEATURES

Heavy Duty Portable / Bench-top Model
Rugged Field Use & for Calibration at Site
Auto-tune PID Control
Switch Test facility
Fast and Reliable
Improved Accuracy, Resolution & Stability
Interchangeable Thermowell Inserts, Single / Multihole
Meets CE Norms



SPECIFICATIONS

Range	20°C above Ambient to 650°C
Resolution	0.1°C
Accuracy	±1.2°C
Stability	±0.3°C (650-H); ±0.5°C (650-H2)
Stabilisation Time	15 Minutes
Well Diameter	30 mm
Immersion Depth	110 mm (650-H); 190 mm (650-H2)
Heating Time (Ambient to max.) (approx.)	20 Minutes (650-H); 40 Minutes (650-H2) (approx.)
Cooling Time Max. (to 100°C) (approx.)	60 Minutes (650-H); 100 Minutes (650-H2) (approx.)
Multihole Thermowell	Multihole to suit 2 x ¼" & 1 x ½" Probes. Other Sizes available as optional
Switch Test facility/Supply	Provided / 5V DC (open)
Power Supply/Consumption	110 & 230V AC / 50 Hz / 1200 W / 1400 W (650-H2)
Instrument Dimensions (L x D x H)	160 x 330 x 350 mm (650-H); 160 x 365 x 450 mm (650-H2)
Instrument Weight	8.5 Kg. (650-H) 11 Kg. (650H-2)

STANDARD INCLUSIONS

- Basic Instrument
- Test Leads
- Mains Cable
- Insertion Tubes (to suit 2 x ¼" & 1 x ½" probes)
- Tool for Insertion Tubes
- Spare Fuses
- Traceable Calibration Certificate
- Instruction Manual
- Carrying Case

OPTIONAL (ADD-ON) ITEMS

- Computer Interface
- "Caltemp" Calibration Software
- Additional Thermowells / Insertion Tubes (to choose from) :
Single hole standard sizes to suit : 1/8", 1/4", 3/8", 1/2", 3/4" & 3, 4, 5, 6, 7, 8, 10, 12, 13, 15, 17, 19 & 21 mm probes
Multihole (Typical) : (1x6 + 1x8) or (3x6) or (1x10 + 1x4) mm
- Power Supply 110V AC, 60 Hz
- Calibration Certificates are issued in Accordance with our Scope as granted by NABL per ISO/IEC 17025:2017 Standards

Manufactured by



Since 1972

NAGMAN INSTRUMENTS AND ELECTRONICS PRIVATE LIMITED

AN ISO 9001:2015 CERTIFIED COMPANY

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