

Temperature

Nagman
Medium Temperature
Dry Block Calibrator

Portable / Bench-top
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)

Models

650 H / 650-H2

- Range : 20°C above Ambient to 650°C
- Accuracy : ±1.5°C
- Immersion Depth : 650 H 650-H2
 110 mm 190 mm
- Heavy Duty Portable / Bench-top Model
- Rugged Field Use & for Calibration at Site
- Auto-tune PID Control
- Switch Test Capability
- Fast and Reliable
- Improved Accuracy, Resolution & Stability
- Interchangeable Thermowell Inserts : Single / Multihole
- Meets CE Norms



Specifications**650 H / 650H-2****Range**

20°C above Ambient to 650°C

Resolution

0.1°C

Accuracy

±1.5°C

Stability

±0.5°C (650 H) ±0.6°C (650-H2)

Stabilisation Time

25 Minutes

Well Diameter

25 mm

Immersion Depth

110 mm (650 H) 190 mm (650-H2)

Heating Time (Ambient to max.)

20 Minutes (650 H) 40 Minutes (650-H2)

Cooling Time (to 100°C)

60 Minutes (650 H) 180 Minutes (650-H2)

Interchangeable ThermowellsSingle hole to suit 1/4" & 1/2" Probes – Standard
Other Sizes / Multihole – optional**Switch Test facility / Supply**

Provided / 5V DC (open)

Power Supply / Consumption230V AC / 50 Hz / 1200 W (650 H)
230V AC / 50 Hz / 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. (650-H2)

STANDARD DELIVERY

- Basic Instrument
- Test Leads
- Mains Cable
- Insertion Tubes (to suit 1/4" & 1/2" probes)
- Tool for Insertion Tubes
- Spare Fuses
- Traceable Calibration Certificate
- Instruction Manual
- Carrying Case

OPTIONALS

- RS-232 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", 7/8" & 3, 4, 5, 6, 7, 8, 10, 12, 13, 15, 17, 19 & 21 mm probes
Multihole (Typical) : (1x6 + 1x8), (3x6), (1x10 + 1x4) mm
- 115V AC / 60 Hz Power Supply
- Dual Voltage selection (115V AC & 230V AC)
- Calibration Certificate from NABL Accredited – as per ISO/IEC 17025:2005 Laboratory

Product of

Nagman Instruments & Electronics (P) Ltd.- Comprehensive Calibration Solutions (Standards / Systems / Packages / Software / Services)
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