



E Instruments Group

Dry Block Temperature Calibrators

Portable Medium Temperature

Interchangeable/ Multihole Thermowells

MAXiCAL
Process Multifunction Calibrators

Ideal for quick / fast Site Calibration of RTD's / T/C's, Bi-Metal Thermometers, Temperature Switches / Indicators etc. - in Industrial & Marine Applications. - Meets the requirement of "Safety of Life at Sea" (SOLAS IX Maintenance Regulations) & "International Safety Management" (ISM)

Features

- Heavy Duty Bench Top Model with carrying Handle
- Rugged Field Use & for Calibration at Site
- Auto Tune PID Control action
- Switch test Capability
- Fast and Reliable
- Improved Accuracy, Resolution & Stability
- Interchangeable Thermowell Inserts, Single/Multi-hole
- Switch Test Capability
- Meets CE / CSA Norms

Optionals

- RS-232 Computer Interface
- Calibration Software
- Dual Voltage Selectable (115V & 230V AC)

Models

MaxiCAL TEMP 650H



Ranges : 20°C above amb. to 650°C (650H & 650H2)
Accuracy : ±1.5°C

Specifications

Range

650 H / 650 H2 20°C above ambient to 650°C

Heating Time (to Max.)

650 H 20 Minutes / 650 H2 40 Minutes

Resolution

650 H / 650 H2 0.1°C

Cooling Time (to 100°C)

650 H 60 Minutes / 650 H2 180 Minutes

Accuracy

650 H / 650 H2 ±1.5°C

Interchangeable Thermowells

Single Hole to suit ¼" & ½" Probes - Standard
Other sizes / Multi Hole - optional

Stability

650 H ± 0.5°C / 650 H2 ± 0.6°C

Switch Test Facility / Supply

Provided / 5 vdc (open)

Stabilisation Time

650 H / 650 H2 25 Minutes

Power Supply / Consumption

650 H 230 VAC / 50 Hz / 1200 Watts
650 H2 230 VAC / 50 Hz / 1400 Watts

Thermowell - Immersion Dia

650 H / 650 H2 25mm

Instrument Dimensions (W x H x D)

650 H 160 x 280 x 325mm
650 H2 160 x 350 x 325mm

Thermowell - Immersion Depth

650 H 110mm

650 H2 190mm

Instrument Weight

650 H 8.5Kgs

650H2 11Kgs

Standard Delivery

- Basic Instrument
- Cable for Thermostat Switch Test
- Mains Cable
- Insertion Tubes (to suit ¼" & ½" probes)
- Tool for Insertion Tube
- Spare Fuses
- Traceable Calibration Certificate
- Instruction Manual

Optionals

- Carrying Case : Hard / Soft
- RS-232 Interface & " Caltemp" Calibration Software
- Additional Thermowells / Insertion Tubes : Single Hole
Standard Size to suit 1/8", 1/4", 3/8", 1/2", 3/4", 7/8" &
3,4,5,6,7,8,10,12,19,21mm probes
Multi-Hole (Typical) : 1 x 6 + 1 x 8, 3 x 6, 1 x 10 + 1 x 4 mm
- 115 V AC /60Hz Power Supply or
Dual Voltage selection (115 / 230 VAC)
- Calibration Certificate from NABL Accredited
- as per ISO/IEC 17025:2005 Laboratory



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