



CALI-350

Model	CALI-350
Range	35°C to 300°C
Accuracy	±1°C
Stability	±0.3°C
Heating times	15 Minutes
Well depth	100mm
Power	230V/60Hz
Size (mm)	H57xW125xD150
Weight	3 kg

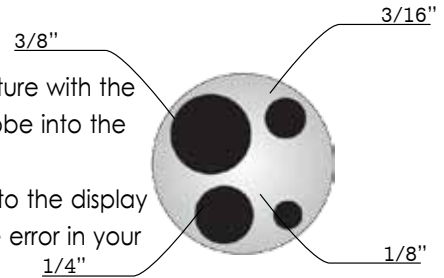
CALI-350, Portable Dry-Well Calibration, Up To 300°C

They're the smallest, lightest & most portable dry-wells in the world. It's convenient. It has a range to 300°C and is perfect for checking RTDs, thermocouples and bi-metal thermometers in the field.

Plug it in, switch it on, set the temperature with the front panel buttons and insert your probe into the properly sized well.

Compare the reading of your device to the display temperature, and the difference is the error in your device.

The Cali 350 has a display resolution of 0.1 degrees, an accuracy of ±1°C, a stability of ±0.3°C.



CALI-1200

The Portable Thermocouple calibrator is a high stability heat source designed for the calibration of thermocouples up to 7.5mm, with a maximum operating temperature of 1200°C. Thermocouples

are inserted into the work tube through an insulation plug & can be compared with the temperature indicator. It is portable and self contained, with built in PID microprocessor controller & separate digital temperature indicator giving 1°C resolution. The special work tube design results in a much higher temperature uniformity than is normally associated with a furnace of this size. The metallic work tube is earthed for operator safety when used with metal sheathed mineral insulated thermocouples. The CALI-1200 can be used in a laboratory or in site as its rapid heat up and stabilization make it ideal for quick set up. With optional RS-232 communication to control the bath from a PC.

CALI-1200, Thermocouple Calibration Furnace 400 - 1200°C

Model	CALI-1200
Max. temperature (°C)	1200
Continuous temperature (°C)	1150
Temperature range (°C)	400-1200
Stability	Better than +1°C
Overall dimensions (mm)	W310xD225xH399
Heated length (mm)	150
Controller	eurotherm 2132
Indicator	eurotherm 2132
Heating rate	20 mins (to 1150°C)
Cavity diameter (mm)	20
Weight (kg)	8.8
Furnace voltage	120/240 externally selectable
Max. power (W)	1100
Thermocouple type	N



WBL-102

WBL-102, Temperature Calibration Water Bath -30 - 100°C

MRC Temperature Calibration Bench top Bath covers a range from -30°C to 100°C with stability & uniformity of ± 0.1°C. tank volume is nine Liter-large enough to test many sensors at once. Bath opening is 200 x 150 mm, and 150 mm deep.

Using high precision PID microprocessor controller Eurotherm model 3216 with high stability RTD sensor.

With optional RS-232 communication to control the bath from a PC.

OBH-183, Temp. Calibration Oil Bath Up To 300°C



OBH-183

Model	OBH-183
Temp. range	Room temp. +5°C to 300°C
Stability	±0.1°C
Setting/readout	Digital
Heater	1.2KW
Stirring	By built-in circulation pump
Inside DIM.	W30xD30xH20cm
Outside DIM.	W66xD40xH39.5cm
Volume	18L
Power source	110/220V 50/60Hz, 13A/6.5A



CALI-R40

CALI-R40, Sub-Zero Low Temp. Dry Block Calibrator

Testing and Calibration of Temperature Sensors | Switches, RTD'S, Thermistors (PTC/NTC) | Dial Thermometers | Thermostats.

- Range: -35°C above ambient to 123°C
- Accuracy: $\pm 0.5^{\circ}\text{C}$. Resolution: 0.1°C .
- Compact Size: W160xH350xD300mm. Weight: 8kg.
- Stability: $\pm 0.05^{\circ}\text{C}$, Well Dia/Depth 19/100mm, Single/Multi-hole Inserts.
- Portable – Field & Lab use.
- Cost Effective.
- Fast Heating & Cooling.
- Switch Test Facility.



CALI-250

CALI-250, Micro Oil Bath

Portability of Dry Block & Precision of Oil Bath

- Range: $\text{RT}+20^{\circ}\text{C}$ to 250°C .
- Stability: $\pm 0.1^{\circ}\text{C}$.
- Accuracy: $\pm 0.6^{\circ}\text{C}$. Resolution: 0.1°C .
- Compact Size: W155xH355xD295mm. Weight: 10kg.
- Working Area: Well Dia 19mm/170mm
- Auto-tune PID Temperature Control.
- Stirrer to ensure Temperature Uniformity.
- (Oil) Spill Proof Transport Lid.
- Optional: RS 232.



CALI-650H1/2

CALI-650H1/2, Temperature Calibrator

Medium Temperature Dry Block Calibrator.

- Range: $\text{RT}+20^{\circ}\text{C}$ to 650°C .
- Stability: $\pm 0.1^{\circ}\text{C}$.
- Accuracy: $\pm 1.5^{\circ}\text{C}$. Resolution: 0.1°C .
- Size for H1: W160xH280xD325mm. for H2: W160xH350xD325mm. Weight: 8.5/11kg.
- Working Area: Depth – 110/190mm
- Heavy Duty Bench Top Model with carrying Handle.
- Auto Tune PID Control action. Switch test Capability.
- Fast and Reliable.
- Interchangeable Thermowell Inserts, Single/Multi-hole.
- Switch Test Capability.



CALI-600

CALI-600, Temperature Economy Calibrator

Portable | Bench-Top Dry Block. Medium Temperature Calibrators.

- Range: $\text{RT}+50^{\circ}\text{C}$ to 600°C .
- Stability: $\pm 0.05^{\circ}\text{C}$.
- Accuracy: $\pm 0.1\%$. Resolution: 1°C .
- Size: W270xL124xH240mm. Weight: 7kg.
- Well – 120mm (200mm optional).
- Analog Output. Provision for Thermostat Switch Testing.
- Interchangeable Thermowell inserts, Single/Multi-hole.



CALI-D350

CALI-D350, Temperature Calibrator

Dual Dry Block (Hot Cold), Temperature Calibrator

- Truly Portable – for Field & Lab use.
- Most Cost Effective Model in the International Market to Calibrate over a wide range: -35°C from Ambient to 350°C .
- Stability: $\pm 0.05^{\circ}\text{C}$.
- Accuracy: $\pm 0.5^{\circ}\text{C}$. Resolution: 0.1°C .
- Size: W244xH430xD341mm. Weight: 8kg.
- Well – Cold 100mm, Hot 120mm.
- Common Display & Dual PO Control Function – for simultaneous Control &
- Calibration time reduced by 50%.
- Housed in elegant sturdy Case.



CALI-1200HN

CALI-1200HN, High Temperature Calibrator

High Temperature Ceramic Dry Block: Calibrator. Stable High (1200°C) Temp. Source for Calibration of Multiple Sensors (up to 6) at High Temperature.

- Range: 300°C above ambient to 1200°C.
- Stability: Better than $\pm 0.5^\circ\text{C}$ (below 600°C).
- Accuracy: Better than $\pm 3^\circ\text{C}$. Resolution: 1°C .
- Size: W205xD365xH480mm. Weight: 13kg.
- Well Depth - 150mm.
- High Stability.
- RS - 232 Interface.
- Multi-Hole 1 Interchangeable (Thermowell) Inserts - to suit.
- High Accuracy.
- Auto - Tune PID Control. Semi Portable.



CALI-1500HN

CALI-1500HN, Very High Temperature Calibrator

Very High Temperature Ceramic Dry Block: Calibrator

- Temperature Range: 500 to 1500°C.
- Stability: $\pm 2^\circ\text{C}$.
- Accuracy: $\pm 0.5\%$ of Span. Resolution: 1°C .
- Size: W345xD510xH830mm (with wheel).
- Fast, Stable & Accurate. Auto-tune PID Controller.
- Heating Element: Silicon Carbide.
- Dry Block: - High Alumina Ceramic
- Single (Interchangeable) & Multi Hole (Fixed).
- Immersion Depth - 250mm.
- Interchangeable Single Hole Thermowells-ID 7/11 & 15 mm*.
- Semi Portable - Castor Wheels. RS-232 Computer Interface.



CALI-FB600L

CALI-FB600L, Temperature Calibrator

Fluidised bath switch test facility.

- Ideal for calibration of Multi Type odd shaped sensor.
- Temperature Range: RT+20 to 600°C.
- Stability: $\pm 0.5^\circ\text{C}$.
- Accuracy: $\pm 1.5^\circ\text{C}$. Resolution: 1°C .
- Size: W730xD470xH780mm.
- Fast, Stable & Accurate.
- Immersion Depth - 250mm/400mm.
- Semi Portable - Castor Wheels optional.
- RS-232 Computer Interface.



CALI-PP

CALI-PP/PPH, Semi-Portable Pressure Calibrators

PP: Ranges: -0.85 to 2/7/10/20 Bar PPH : Ranges: -0 to 200/400 Bar

- Temperature Range: 0 to 50°C (Automatic).
- Accuracy: PP ($\pm 0.05\%$ F.S. + 1digit). PPH ($\pm 0.025\%$ F.S. + 1digit)
- Size: L330xB230xH125mm for 2/7/10 bar. L330xB230xH175mm for 20 bar.
- Advanced Microprocessor Based. Light Weight 1 Compact.
- Trendy, Elegant 'Rugged' Case - Truly Portable.
- Resolution: Minimum 5 digits. Large Graphic Display.
- Touch Membrane Keypad with 15 Selectable Pressure Units eg mbar, bar, Kg/cm², Psi, in Hg, mm Hg, mm H₂O, cm H₂O, m H₂O, in H₂O, ft H₂O, Pa, MPa, KPa, atm.
- DC Current Measurement: Active Loop: 50 mA, Passive Loop: 25 mA.
- Switch test Capability & Zero Offset facility.
- Audio & Visual Alarms for Over Pressure.
- Ni- MH Rechargeable Batteries with Low Battery Indication.

- Pressure Transducer - All Media Compatible with SS316 .
- Integral 1 In-Built Vacuum & Pressure Hand Pump, Vernier Adjustment & Release Valve .



CALI-PPD

CALI-PPD, Portable Precision Pressure Calibrator (DUAL) (Pneumatic & Hydraulic)

- Ranges: Pneumatic: -0.85 to 20 Bar, Hydraulic to 400 Bar
- Accuracy: $\pm 0.05\%$ F.S. + 1 digit.
- Size: L420xW335xH195mm. Weight: 9.5kg.
- Unique Combo 2-in-1 Model.
- Advanced Microprocessor Based. Light Weight / Compact.
- Trendy, Elegant 'Rugged' Case - Truly Portable.
- Resolution: Minimum 5 digits. Large Graphic Display.
- Touch Membrane Keypad with 15 Selectable Pressure Units eg mbar, bar, Kg/cm², Psi, in Hg, mm Hg, mm H₂O, cm H₂O, m H₂O, in H₂O...
- DC Current Measurement: Active Loop: 50 mA. Passive Loop: 25 mA.
- Switch test Capability & Zero Offset facility.
- Audio & Visual Alarms for Over Pressure.
- NI - MH Rechargeable Batteries with Low Battery Indication.
- Pressure Transducer - All Media Compatible with SS316

- 2 independent integral/ built-in pumps (Pneumatic (Vacuum / Pressure) and Hydraulic) with Verniers.
- Automatic Temperature Compensation (0 to 50°C).



CALI-PPE

CALI-PPE, Economy Pressure Calibrator (Pneumatic)

- Pneumatic Several - Ranges: -0.85 to 2/10/25/40 bar. Hydraulic 0-700bar.
- Accuracy: $\pm 0.1\%$ F.S.
- 2 line alpha - numeric display.
- Touch Membrane Keypad with Selectable Pressure Units eg mbar, bar, Kg/cm², Psi, in Hg, mm Hg, mm H₂O, cm H₂O, m H₂O, in H₂O, ft H₂O, Pa, MPa, KPa, atm.
- DC Current Measurement: 0 to 50 mA.
- Switch test Capability & Zero Offset facility.
- Audio & Visual Alarms for Over Pressure.
- Pressure Transducer - All Media Compatible with SS316.
- 9V Battery operated with Low Battery indication.
- Digital Pressure Indicator with Matching Pneumatic Hand Pump with vernier.



CALI-PPC

CALI-PPC, Smart Pressure Calibrator (Pneumatic)

- Advanced Microprocessor based.
- Pneumatic - Several Ranges -0.85 to 2/10/25/40 Bar. Hydraulic 0-700bar.
- Accuracy: $\pm 0.05\%$ ES.
- Size: 170x100x60mm.
- Automatic Temperature Compensation (0 to 50°C).
- 2 line alpha - numeric display.
- Touch Membrane Keypad with 15 Selectable Pressure Units eg mbar, bar, Kg/cm², Psi, in Hg, mm Hg, mm H₂O, cm H₂O, m H₂O, in H₂O, ft H₂O, Pa, MPa, KPa, atm.
- DC Current Measurement: 0 to 50 mA.
- Switch test Capability & Zero Offset facility.
- Audio & Visual Alarms for Over Pressure.
- Pressure Transducer - All Media Compatible with SS316.
- 9V Battery operated with Low Battery indication.
- Digital Pressure Indicator with Matching Pneumatic Hand Pumps with verniers.



CALI-6600/6900

CALI-6600/6900, High Precision Dead Weight Testers (Hydraulic)

- Ranges: upto 700 bar.
- Standard Accuracies: 0.1% / $\pm 0.05\%$ / $\pm 0.025\%$ / $\pm 0.015\%$ of Rdg.
- Size: L530xW325xD230mm.
- Oil Operated. Single & Dual Piston. Bench/Table Top.
- 4 levels of Accuracy: $\pm 0.015\%$ of Rdg. (Ultra High), $\pm 0.025\%$ of Rdg. (Very High), $\pm 0.05\%$ of Rdg. (High), $\pm 0.1\%$ of Rdg. (Medium).
- Adjustable feet & Spirit Level.
- Calibrated to Standard Gravity (to user specified Gravity on request).
- Piston Calibrated Thru' "Cross Floating" Techniques.
- Accuracies Traceable to International Standards.