


**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:  $0.1^\circ\text{C}$ .
- 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: RT+20°C to 250°C.
- Stability:  $\pm 0.1^\circ\text{C}$ .
- Accuracy:  $\pm 0.6^\circ\text{C}$ . Resolution:  $0.1^\circ\text{C}$ .
- 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: RT+20°C to 650°C.
- Stability:  $\pm 0.1^\circ\text{C}$ .
- Accuracy:  $\pm 1.5^\circ\text{C}$ . Resolution:  $0.1^\circ\text{C}$ .
- 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: RT+50°C to 600°C.
- Stability:  $\pm 0.05^\circ\text{C}$ .
- Accuracy:  $\pm 0.1^\circ\text{C}$ . Resolution:  $1^\circ\text{C}$ .
- 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:  $0.1^\circ\text{C}$ .
- 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, High Temperature Calibrator

High Temperature Ceramic Dry Block: Calibrator. Stable High (1200°C) Temp. Source for Calibration of Multiple Sensors (upto 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:  $1^\circ\text{C}$ .
- 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, 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:  $1^\circ\text{C}$ .
- Size: W345xD510xH830mm (with wheel).
- Fast, Stable & Accurate. Autotune 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, 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:  $1^\circ\text{C}$ .
- Size: W730xD470xH780mm.
- Fast, Stable & Accurate.
- Immersion Depth - 250mm/400mm.
- Semi Portable - Castor Wheels optional.
- RS-232 Computer Interface.



### 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/cm<sup>2</sup>, Psi, in Hg, mm Hg, mm H<sub>2</sub>O, cm H<sub>2</sub>O, m H<sub>2</sub>O, in H<sub>2</sub>O, ft H<sub>2</sub>O, 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: 0 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/cm<sup>2</sup>, Psi, in Hg, mm Hg, mm H<sub>2</sub>O, cm H<sub>2</sub>O, m H<sub>2</sub>O, in H<sub>2</sub>O...
- 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/cm<sup>2</sup>, Psi, in Hg, mm Hg, mm H<sub>2</sub>O, cm H<sub>2</sub>O, m H<sub>2</sub>O, in H<sub>2</sub>O, ft H<sub>2</sub>O, 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/cm<sup>2</sup>, Psi, in Hg, mm Hg, mm H<sub>2</sub>O, cm H<sub>2</sub>O, m H<sub>2</sub>O, in H<sub>2</sub>O, ft H<sub>2</sub>O, 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.