Liquid Calibration Bath
+50 °C to 250 °C

CALsys 250
Calibration bath

Wide Temperature Range

CALsys 250 offer a wide temperature range from +50 °C to 250 °C

Lightweight, portable

The CALsys 250 is ideal for Industrial / Laboratory field use. It only weighs about 12 kg.

Speed

The CALsys 250 cools down to 100 °C in 60 minutes and heats up from room temp to +250 °C in 30 minutes.

Accuracy and performance

The CALsys 250 is an easily portable unit that also provides excellent calibration accuracy with stability ±0.02°C at 250°C.

Computer Interface

The communication port (USB) enables communication with selected CALsys 250.

CALsys 250 offers easy to use portable temperature calibrator with wide temperature range from +50 to 250°C. It is a highly stable standard bath for calibrating thermocouples and RTD. It provides superior thermal environment for probe immersion as no air gap exists between the probe and the medium, thermal coupling is therefore much better and the stirring results in very even heat distribution throughout the medium. It uses silicon oil up to 250°C. The comparison volume is a diameter of 90mm and 140mm depth. The temperature of the calibrator is set and controlled by a self tuned PID controller with automatic super fine adjustment.

CALsys 250

Temperature range	+50 °C to 250°C
Stability	±0.01°C at 50°C
	±0.02°C at 150°C
	±0.03°C at 250°C
Uniformity	±0.02°C at 50°C
	±0.04°C at 150°C
	±0.06°C at 250°C
Removable insert construction	6 holes of 20mm dia
Volume	Approx 2 Ltr.
Hysteresis	±0.30°C
Method of Control	Self tuned PID controller
Immersion depth	140 mm
Access opening	90 mm (dia.)
Heating time	30 Min
Cooling time	60 Min (250 °C to 100 °C)
Resolution	0.1 °C
Display	LCD, °C or F user-selectable
Size (H x W x D)	330(H) x 250(W) x 330(D) mm
Weight	12Kg
Power requirements	230 VAC or 110 VAC 50/60 Hz 1.5 kW
Computer interface	USB
Calibration	Accredited calibration certificate provided (Optional)
Environmental operating conditions	0 °C to 40 °C

ACCESSORIES

- **Inserts for CALsys 250 model**

  Inserts for CALsys 250 is about 90mm access opening with removable inserts of 6 holes of 20mm dia. All specifications on hole size based on outer diameter of the sensor under test.

  * We also offer customized hole size based on Customer requirements

- **Reference Standard RTD**

- **Calsoft Software**

- **Operational Manual**

- **Carry Case**

- **NABL accredited calibration certificate (Optional)**