High Volume Calibration Bath
RADIN

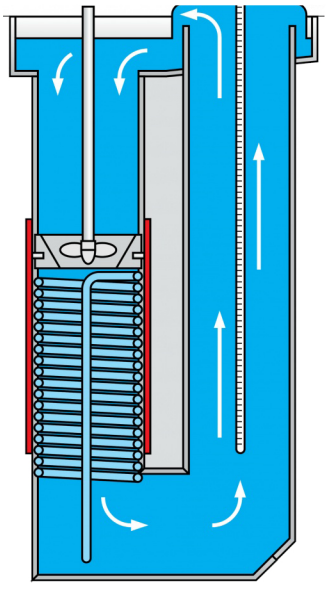
50°C to 250°C

- **Stability ≤ ±0.01°C**
- **30 Lit Calibration Volume**
- **Parallel Tube Calibration Bath**

These model will calibrate temperature probes from 30°C to 250°C with High Stability.These calibrator are easy to use and are available in two versions ; the Basic and the Advanced.The Basic has a digital display of set and nominal temperature,Advanced models additionally include software to manage logged data and configure the unit.The Radin have large calibration volumes , 30 Lit ,which makes them ideal to use as portable liquid baths .This liquid baths are suitable for temperature sensors of all types, sizes and shapes. Liquid Baths can provide smaller calibration uncertainties than dryblocks and when used with suitable reference thermometers, accuracies of up to 0.05°C can be achieved.The high volume and depth of this equipment makes it possible to calibrate several sensors.

Benefits

This calibrator has important features that can affect the calibration process.Portability is one of the most important features of RADIN.In the comparison method, two parameters of stability and uniformity are effective in uncertainty calculations. High stability and uniformity throughout the radin range has increased the quality of the calibration process.The radin calibration volume features uniform heating with a custom wound heater over an extended length of the bath.parallel tube system improves the stability of the entire tank.Air cooling system is also used to quickly reduce the temperature in this product. This product has the ability to improve stability up to less than 0.01°C using equalising block.

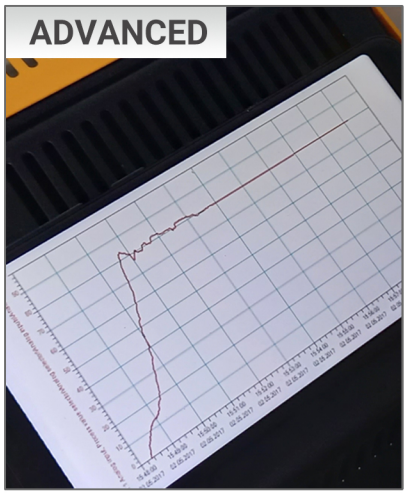


How to Order ?

www.locrom.com

RADIN

Available in two different versions



Accessories & Features

High Stability Calibration Bath's

■ **Equalising Block**

improve stability up to less than 0.01°C using equalising block.

■ **Parallel Tube Liquid Bath**

Improve temperature stability by using the Parallel Tube system instead of the old method

■ **Portable**

Easy product handling using wheels.

■ **High immersion depth**

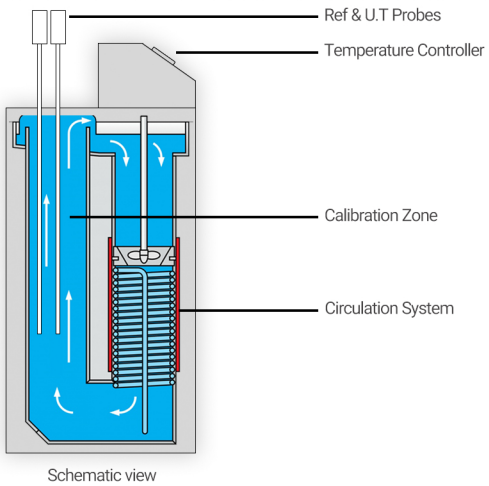
Ability to calibrate long-stem sensors , angled or awkward shaped probes.

■ **Some Basic Features**

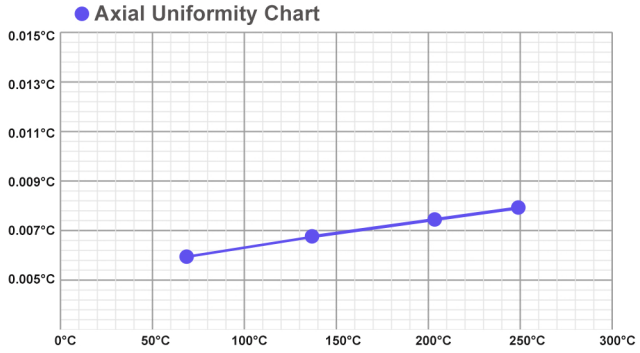
Simple to Use & Outstanding Value
Rugged Case
Ramp to Set Temperature
PC interface

■ **Some Advanced Features**

Touch Screen LCD
Support Languages
Connect More Reference Probes
Stability Graph
USB Port



Schematic view



RADIN
technical Table & Charts

Parameter	Model
RADIN	
Temperature Range	50°C to 250°C
Advanced Range	
Stability:	±0.05°C (less than ±0.01°C using E-Block)
Display Resolution	0.01°C over whole range
Accuracy: RTD Input Channel	±0.05°C ±0.05% RDG
Accuracy: Thermocouple Input Channel	E,J,K,N: ±0.2°C @ 660°C R: ±0.6°C S: ±0.7°C @ 660°C T ±0.2°C @ 150°C
CJC Accuracy	±0.35°C
Basic Range	
Stability	±0.05°C (less than ±0.01°C using E-Block)
Display Resolution	0.1°C & 0.01°C
Common Specification	
Display Accuracy	0.2°C
Uniformity (Radial)	< 0.05°C
Uniformity (Axial)	< 0.05°C
Calibration Volume	30 Lit
Power	600 Watts
Voltage	115Vac or 230 Vac 50/60Hz