



CALSys  
-40/200



-40 to 200

## HIGH STABILITY BATH

### GENERAL

CALSys -40/200 is a Highly Stable Stirred Liquid Bath for calibrating RTD/Thermocouple and also for compensation of cold junction.

CALSys -40/200 offers the temperature range of -40 to 200 Deg C. It has a large well which is filled with liquid (Water+Methanol /Silicon Oil). The liquid is heated or cooled to the desired temperature. Methanol+Water is used for Negative Temperature and Silicon Oil for Heating.

It has better accuracy than dry block bath due to lack of air gaps and the temperature uniformity of stirred liquid.

### KEY FEATURES

- ✓ Large Immersion Depths
- ✓ High Accuracy
- ✓ High Stability and Uniformity
- ✓ Wide Temperature Range
- ✓ PC interfacing
- ✓ Simple to use and cost effective

### Standard Accessories

Reference Standard PRT ... Part No. TPRT-A-300  
Operational Manual

### Optional Accessories

Software for Automated Calibration.....Part No. AC-24  
Methanol.....1L- No. (3050 - M)  
Silicon Oil..... 1L-Part No C200S-LB-SO



### SPECIFICATIONS

Temp Range : -40 to 200 Deg C

Stability : 0.01 Deg C

Temperature Resolution : 0.01 Deg C

Time to Reach Max Temp : 1.5 Hr

Medium Cooling : Methanol + Water

Medium Heating : Silicon Oil

Controlling Sensor :PT-100

Method of Control : Digital self tuned PID Controller

Computer Interface : RS 232

Operating Temperature : 20 to 25 Deg C

Power Requirement : 230 VAC, 2.0 KW

Dimensions : 430 x 394 x 629 mm

Tank Dia X Depth : 70 X 540 mm

Weight : Approx 54 Kg