

MINIATURE (BABY) SUB ZERO DRY BLOCK TEMPERATURE CALIBRATOR

For Thermocouple & RTD Sensor Calibration

MODEL : TCAL 1402 / -20

First time
in INDIA
Miniature Bath



Right Product for
your Calibration
need

INTRODUCTION

SANSEL Model TCAL 1402 / -20 Miniature calibrator bath are one of the smallest dry well calibrator in the world, which are ideally suited where necessary for fast calibration in process industries to calibrate Thermocouple, RTD, Indicator with sensor & transmitter with sensor.

Temperature range of the TCAL 1402 / -20 covers from -15°C^* to 75°C . These equipment are light weight, fast raising, quick settling, better stability & uniformity.

TCAL 1402 / -20 Miniature calibrator bath's temperature are adjusted simply using 4 keys on the controller, can be very quickly controlled the actual and set temperature can be displayed simultaneously on a 4+4 digit high brightness LCD.

TCAL 1402 / -20 having interchangeable inserts to suit for calibration of different diameter of sensors (upto 16mm). Additional inserts (optional) with special drillings are available to order.

FEATURES

- ✓ Wide temperature range -15* to 75°C
- ✓ Light weight - Less than 8 kg (Approx.)
- ✓ World class performance
- ✓ Fast calibration save time & money
- ✓ Simple, Convenient & easy operation
- ✓ High Bright LCD Display
- ✓ Rugged & most compact for onsite carry
- ✓ Inter changeable insert to suit different diameter sensor
- ✓ Supplied with rexein carry bag
- ✓ ISO / IEC 17025 Standard Accredited Calibration Certificate

Technical Specifications

Model	TCAL 1402 / -20
Display	0.58" (15mm)(Block) / 0.3"(7.8mm) (Set) 4 digit LCD Display with 4 keys
Temperature Range	-15* to 75°C (extended model available upto 110°C on request) (* @ Ambient 25°C)
Resolution	0.1°C
Radial uniformity	± 0.2°C
Stability	± 0.1°C
Temperature readout	°C
Heating time	15 mins (Amb. To 75 °C)
Cooling time	20 mins (25 To -15 °C)
Stabilization time	3 minutes
Power supply	230V AC ± 10% / 50Hz (Optional 110V AC)
Power consumption	500 VA
Well Dimension	16 x 100 mm (dia. x height), 80mm (immersion depth)
Standard well hole in mm	5.2, 6.2
Overall Dimension in mm	260 x 145 x 290 (L x B x H)(Approx.)
Instrument Weight	8 kg (Approx.)

Note: Due to continuous product improvements, Published specifications may change with out notice

Standard Delivery

1. Basic Instrument
2. Spare fuses
3. Carry bag
4. Well tool
5. Instruction manual
6. Mains card
7. Standard well insert
8. Traceable calibration certificate

Optional

1. Master Indicator with sensor
2. Additional well insert
3. Carrying case



Carry bag



SANSEL INSTRUMENTS AND CONTROLS SANSEL CALIBRATION LABORATORIES

ISO/IEC 17025 Accredited Calibration Laboratory by NABL CC - 2879

(Thermal, Mechanical, Electro-Technical, Dimension Parameters)

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