

MINIATURE (BABY) DRY BLOCK TEMPERATURE CALIBRATOR

For Thermocouple & RTD Sensor Calibration

MODEL : TCAL 1402 / 500

First time
in **INDIA**
Miniature Bath



Right Product for
your Calibration
need



See the actual size
(Comparison with pencil)

INTRODUCTION

SANSEL Model TCAL 1402 / 500 Miniature calibrator bath are one of the smallest dry well calibrator in the world, which are ideally suited were necessary for fast calibration in process industries to calibrate Thermocouple, RTD, Indicator with sensor & transmitter with sensor.

Temperature range of the TCAL 1402 / 500 covers from Ambient + 5°C to 500°C. These equipment are light weight, fast raising, quick settling, better stability & uniformity.

TCAL 1402 / 500 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 / 500 having interchangeable inserts to suit for calibration of different diameter of sensors (upto 20mm). Additional inserts (optional) with special drillings are available to order.

FEATURES

- ✓ Wide temperature range Amb.+5 to 500°C
- ✓ Light weight - Less than 2 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 / 500
Display	0.58" (15mm)(Block) / 0.3"(7.8mm) (Set) 4 digit LCD Display with 4 keys
Temperature Range	Amb.+5 to 500°C
Radial uniformity	± 0.5°C
Resolution	0.1°C
Stability	± 0.1°C @ 200°C
Temperature readout	°C
Heating time	40 °C / minute
Cooling time	30 °C / minute
Stabilization time	3 minutes
Well Dimension(dia. X height)	20 x 100 mm
Well immersion depth	80 mm
Standard well hole in mm	6.2, 6.2
Power supply	230V AC ± 10% / 50Hz (Optional 110V AC)
Power consumption	750 VA
Overall Dimension in mm	150 x 90 x 190 (L x B x H)(Approx.)
Instrument Weight	2 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)

1 / 46 , 3rd Main road, Ganga Nagar, MMDA Colony , Maduravoyal , Chennai - 600 095. INDIA

☎ +91 44 2378 3951, 📞 +91 72999 72085 / 86 / 93, 📠 +91 98401 49928 ✉ enquiry@ sansel.net

🌐 www.sansel.net

🌐 www.sansel.in

🌐 www.sansel.co.in

🌐 www.calibrators.in

