ECONOMY DRY BLOCK TEMPERATURE CALIBRATOR
For Thermocouple & RTD Sensor Calibration
MODEL : TCAL 1401 / -30

INTRODUCTION

SANSEL Model TCAL 1401 / -30 Dry well Temperature calibrator are high performance for industrial atmosphere and covering temperature range from -30* to 100°C. Which are ideally suited onsite calibration of thermocouple, RTDs, Indicator with sensors & 4-20mA signal transmitter with indicator in Food, Pharmaceutical and all types of process industries. Having it's advantage of user friendly, light weight, portable, fast settling, better uniformity and accuracy over a wide temperature range.

TCAL 1401 / -30 having interchangeable inserts to suit for calibration of different diameter of sensors (upto 22mm). Additional Inserts (optional) with special drillings are available to order.

FEATURES

- ✓ High Bright 4 + 4 digit 7 seg LCD Display with 4 keys
- ✓ Portable & Rugged
- ✓ Range from -30* to 100°C
- ✓ No Liquids, Safe dry Calibration
- ✓ Micro Controller Based Linearized High Accuracy

- ✓ Stable to ± 0.1°C
- ✓ Radial uniformity – better than ± 0.15°C
- ✓ Inter changeable insert to suit different diameter sensor – up to 22 mm
- ✓ ISO / IEC 17025 Standard Accredited Calibration Certificate

Technical Specifications

Model	TCAL 1401/ - 30
Display	0.58" (15mm)(Block) / 0.3"(7.8mm) (Set) 4 digit LCD Display with 4 keys
Temperature Range	-30 to 100°C (*@Ambient 25°C)
Radial Uniformity	Better than 0.15°C
Resolution	0.1°C
Stability	± 0.1°C
Temperature readout	°C
Heating time	20 mins (Amb. To 100 °C)
Cooling time	25 mins (25 to -30 °C)
Stabilization time	10 minutes
Well Dimension(dia. X height)	22 x 120 mm
Standard well holes in mm	5.2, 6.2 & 6.2
Power supply	230V AC ± 10% / 50Hz (Optional 110V AC)
Power consumption	500 VA
Overall Dimension in mm	490 x 178 x 357 (L x B x H)(Approx.)
Instrument Weight	12.5 kg (without well insert) (Approx.)

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

Standard Delivery

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

Optional

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

Carrying case