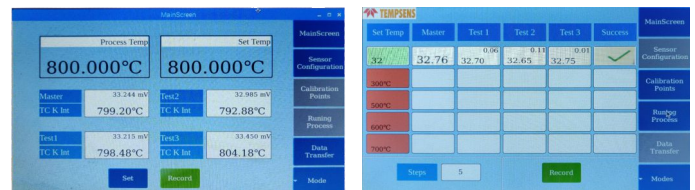


PORTABLE THERMOCOUPLE CALIBRATOR

The CALsys 1200 Autocal is an automatic temperature calibration system for the Thermocouple and RTD's. The system consists of Temperature bath and PC software, which together contribute to the whole cycle of auto calibration process. The system accept 4 channels, 4 Thermocouples or 4 RTD's. The connection for these channels through special type of locking connectors. The channel configuration can be done with LCD display via touch screen keypad. The thermocouple microvolt & RTD ohm reading for each channel is monitored with CJC compensation. After the calibration process complete the PC software generates a report of actual calibrated values for the inputs.



Main Screen

Screen in Auto Mode

SPECIFICATIONS

Temperature Range	: 250°C to 1200°C
Stability	: ±0.1°C at 250°C ±0.3°C at 700°C ±0.5°C at 1200°C
Display resolution	: 0.1°C (1°C above 1000 °C)
Heating time	: 250°C to 1200°C in 90 min
Cooling time	: 1200°C to 250°C in 60 min with Forced Cooling.
Calibration volume	: 35 mm Dia & 148 mm depth
Calibration Block	: Dia 37x215 mm long (2X6 mm & 2X8 mm holes) of 160 mm insertion depth
Display Unit	: °C, °F or K
PC Interface	: Ethernet port
Software	: The calibrator should be provided with software for data recording (Manual Mode) and Test Certificate generation in Auto Mode
Data logging	: Data logging facility with logged data export to USB
Power supply	: Single phase 230V AC 50 Hz
Dimensions	: 405(H)x205(W)x285(D)mm
Weight	: 13.65 Kg (without packing)

KEY FEATURES

- ✓ Easy-to-read color 7 Inch LCD display with perfect overview of the actual status
- ✓ Intuitive, fast and user-friendly navigation
- ✓ 4 Channel Calibration (4 No's for Thermocouples or 4 No's for RTD's)
- ✓ Includes Easy to use Connectors
- ✓ Internal CJC compensation
- ✓ Data Logging of selected channel
- ✓ Ethernet Communication with CALsys Model & PC/Laptop
- ✓ USB connector for communication (Optional)

STANDARD ACCESSORIES

- Reference Standard Thermocouple ('N' Type T/C).....Part No. TTCN-300
- NABL accredited calibration certificate - 3 point
- Operational Manual
- Carry Case

Carrying Case



Interchangeable Inserts (as per requirement)

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