CUBE-T

High Accuracy Digital Temperature Gauge

Resolution: up to 0.001 °C

The CUBE digital temperature gauge is designed to calibrate temperature instruments: temperature indicators, temperature transmitters, thermocouples, RTDs and switches.

General

With the state-of-the art of microprocessor technology the CUBE-T is the most advanced portable digital pressure gauge in term of accuracy. Fully compensated in the operating temperature range its polynomial characterization grants accurate measurements in every point of each pressure range.

Features

- Input RTD 4 wires
- Range: -200…800 °C
- Resolution: up to 0.001 °C
- Fully temperature compensated (14…122 °F / -10 °C to 50 °C)
- Large LCD display
- Up to 2 temperature channels simultaneously shown
- Active channel selection
- Backlight
- Contrast regulation
- Second RTD channel optional

- min/Max value continuously displayed
- Stability continuously displayed
- Datalogger
- Hold function for a specific temperature value
- Selectable filter weight
- Auto-power off /Auto-backlight off selectable
- Battery charge indication (%)
- Two colours LED for charge status (in charge- end charge)
- Offset selectable
- RS232 connection
- NiMh rechargeable battery

Technical Data

Connection
- Terminal block for RTD connection 4-wire (two terminal blocks in the two-channel version)

Serial Port
RS-232 connection (9 pin connection in the rear panel)

Power supply

4 rechargeable AAA NiMh batteries
Power supply adapter: 230 Vac - 12 V dc
Power supply connector on the rear
panel – 9 V dc - 600 mA

Temperature

- Compensated Temperature: 14°F tO
  122°F (-10°C…50°C)
- Storage Temperature: -4°F to 158°F
  (-20°C to 70°C)

Humidity: <95%

Measuring unit:

3 measuring unit:
°C - °F - K

Dimensions: 96 x 96 x 96 mm

Weight: 0.5 kg

Scope of delivery

- Digital pressure gauge CUBE-T or -TT
- Calibration report
- Instruction manual

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Options

- Carrying case
- Panel mounting kit
- 4-wire RTD Pt100 class A
- Calibration certificate by EA authorized
  laboratory (Accredia, DAkkS, Cofrac,
  etc.)

Ordering code

- One channel: CUBE-T
- Two channels: CUBE-TT