Specifications

Compatible sensors: Strain gauge transducer
Signal input terminals: Round connector (NDIS7P) terminated back and center pin side
Excitation Voltage: DC, 3.8 V (-24mA maximum current)
Signal input range: ±50 mV
D/A output: ±2.0V
Equivalent input TEDS:
- Calibration range: 0.3 mV/V - 5.0 mV/V
- Calibration: ±0.003%/ºC
- Linearity: ±0.01% F.S. + 1 digit (when 5 mV/V)
- Precision: ±2% F.S.
- Zero drift: ±0.003%/ºC or less
- Gain drift: 0.005%/ºC or less

A/D conversion: 1000 times/second, 24-bit
Moving average: Selectable from OFF, 16, 32, 64, 128, 256, 512, 1024, 2048
Digital filter: BNC
Output connector: ±2.0 V
Output voltage: 70.16 μV typ
Resolution: 0.02% F.S. or less
Nonlinearity: 0.1 mV/ºC or less
Zero drift: 0.003%/ºC or less
Gain drift: 0.003%/ºC or less
Display:
- Display modes: Setting screen, indicator value digital display, graph display, recorded data list display, static strain display
- Languages: Japanese/English
- Display range: -99999 to 99999
- Display position selectable

Data recording:
- Indicator value memory: Sample hold, peak hold, bottom hold, zone definition hold, peak, bottom
- Graph recording: Recorded contents: ID number, date and time, recording mode, sensor value memory number, indicator value
- Recorded contents: ID number, date and time, sensor value memory number, trigger mode, graph waveform

Power supply:
- 4 alkaline or NiMH AA batteries
- USB bus power (Built-in Micro USB B connector)

Operating temperature range: 0° to 40°C
Storage temperature range: -20° to 60°C
Operating humidity range: 90% or less (without condensation)
Applicable standards: CE marking, VCCI (Class A), FCC (Class A)
External dimensions (W×H×D): Approximations: 85 mm x 140 mm x 35 mm (without protrusions)
Weight: About 320 g (including batteries)

Optional accessories

Carrying case (Soft) CS-TD01S
Carrying case (Hard) CS-TD01

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TD-01 Portable is digital indicator working with strain gauge transducer. This unit can show input signals from transducer as indicator value or graph display. With features such as great visibility color graphic LCD, high-speed processing A/D converter, indicator recording, interrupt check and supporting for TEDS, in addition to wonderful portability, this unit is equipped to be highly functional and excellent cost-effective.

Various advanced functions are condensed in compact body!