



TMD-50



TMD-50

K-type digital thermometer with dual inputs

Functions

- Temperature measurement with inputs for two probes
- Measurement of temperature difference

Product information

- Input for two type K temperature probes
- Switchable between °C and °F measurement
- Integrated measurement memory (data hold)
- MIN/MAX and relative value measurement
- Measuring the average temperature
- Illuminated display
- Auto Power Off

Product highlights

- T1-T2 (temperature difference)
- Shock-proof and impact-resistant thanks to standard protective holster

Technical specifications

| | |
|-------------------|--|
| Display | LCD, 3½ digit, 1999 digits |
| Measurement range | Type K -180...+1350° C (-292...+1999° F) |
| Basic accuracy | from -60°C to 1350°C |
| ±(0.1% v.M.+1°C) | from -60°C to 200°C |
| ±(0.1% v.M.+2°C) | from -76°F to 1999°F |
| ±(0.1% v.M.+2°F) | from -76°F to -328°F |
| ±(0.1% v.M.+4°F) | 0.1 °C/°F |
| Resolution | 0.1 °C/°F |
| Power supply | 4 x battery 1.5 V, IEC R03, AAA |
| Dimensions | approx. 160 x 85 x 30 mm |
| Weight | approx. 280 g |



TMD-53



TMD-53

K-type / J-type digital thermometer with dual input

as the TMD-50, also with:

- Connections for two temperature probes (for types K and J)
- Alarm function (optical and acoustic)
- Clear multi-functional display for T1, T2 and T1-T2 (temperature difference)

TMD-53 specifications

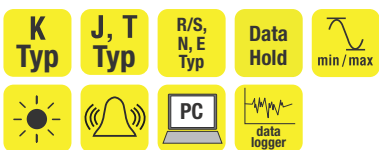
| | |
|-----------------------|--|
| Display | LCD, 5 digit, 99999 digits |
| Measurement range | Type K -180...+1350° C (-292...+2462° F) |
| Basic accuracy | at -50°C to 1350°C |
| ±(0.05% rdg. + 0.3°C) | at -50°C to -200°C |
| ±(0.05% rdg. + 0.7°C) | at -58°F to 2498°F |
| ±(0.05% rdg. + 0.6°F) | at -58°F to -328°F |
| ±(0.05% rdg. + 1.4°F) | 0.1 °C/°F |
| Resolution | 0.1 °C/°F |
| Power supply | 4 x battery 1.5 V, IEC R03, AAA |
| Dimensions | approx. 160 x 85 x 30 mm |
| Weight | approx. 280 g |

Included with TMD-50/TMD-53:

- 1 x TMD-50 or TMD-53
- 2 x K-type wire probe
- 4 x battery 1.5 V, IEC R03, AAA
- 1 x user manual



TMD-56



TMD-56

Digital thermometer with data logger and USB connection

as the TMD-53, also with:

- Inputs for two temperature probes (of types K, J, T, R/S, N and E)
- Built-in real-time clock and date
- Clear multi-functional display for date, time, T1, T2 and T1-T2 (temperature difference)
- USB interface
- Evaluation software included
- Data logger for 16,000 measurement values (various intervals can be selected)

Technical specifications

| | |
|-----------------------|---|
| Display | LCD, 4½ digit, 19999 digits |
| Measurement range | Type K: -180°C to 1350°C (-292°F to 2462°F) |
| Basic accuracy | at -50°C to 1350°C |
| Type K | at -50°C to -210°C |
| ±(0.05% rdg. + 0.3°C) | at -58°F to 2501°F |
| ±(0.05% rdg. + 0.7°C) | at -58°F to -346°F |
| ±(0.05% rdg. + 0.6°F) | 0.1 °C/°F |
| ±(0.05% rdg. + 1.4°F) | 0.1 °C/°F |
| Resolution | 0.1 °C/°F |
| Power supply | 4 x battery 1.5 V, IEC R03, AAA |
| Dimensions | approx. 160 x 85 x 30 mm |
| Weight | approx. 360 g |

Accessories:

- Carrying case Model 1150
- Heat-conducting paste up to 250 °C (30 g) Model 1032

Included with TMD-56:

- 1 x TMD-56
- 2 x K-type wire probe
- 1 x USB cable
- 1 x software CD
- 4 x battery 1.5 V, IEC R03, AAA
- 1 x user manual

Ordering Information:

| Description | Model | Article no. |
|-----------------------|--------|-------------|
| TMD-50 | TMD-50 | 3730150 |
| TMD-53 | TMD-53 | 3730085 |
| TMD-56 | TMD-56 | 3730138 |
| Carrying case | 1150 | 2145755 |
| Heat-conducting paste | 1032 | 2145689 |