



Versatile industrial thermometer with datalogger for K, J and T thermocouples

Designed for industrial measurements across multiple sectors, the DTC11 provides single-input thermocouple measurement, datalogging up to 20,000 records, selectable acquisition times, and convenient Mini USB data export. Its backlit graphic LCD displays the measured value, trend graph, minimum, maximum, and average values for efficient field and workshop use.



-200 to +1372°C
K-type range



20,000 data
Datalogger memory



Mini USB
TXT / CSV / XLS export



IP52
Protected housing



KEY FEATURES

- Single input for K, J and T thermocouples
- Selectable acquisition time from 1 s to 24 h
- Backlit LCD with graph, min, max and average
- Calibration and alignment function
- Supplied with hard case, Mini USB cable and rubber protection shell
- Thermocouples ordered separately



APPLICATIONS

- Industrial process monitoring
- Production and maintenance checks
- Laboratory and technical measurements
- HVAC and service operations
- Quality control and verification



TECHNICAL SPECIFICATIONS

Parameter	Specifications
Model	DTC11
Thermocouple Types	K, J, T
Measurement Ranges	K: -200°C to +1372°C; T: -200°C to +400°C; J: -200°C to +1200°C
Scale	°C / °F selectable
Resolution	0.01° below 1000°C; 0.1° above 1000°C
Accuracy	≤ ±(0.3% t + 0.40)°C; ±0.1°C after calibration
Connection	Miniature female input
Data Logging	Up to 20,000 data
Acquisition Time	1 s to 24 h selectable
Display	Backlit graphic LCD with trend, min, max and average
Data Export	Mini USB, TXT / CSV / XLS
Instrument Operating Range	-10°C to +50°C
Protection	IP52
Power Supply	3 × 1.5V AAA alkaline batteries or 3 × 1.2V AAA rechargeable batteries
Battery Life	200 hours
Supplied With	Hard case, 3 alkaline batteries, Mini USB cable, rubber protection shell
Dimensions	174 × 73 × 40 mm
Weight	198 g