

DTM-319A

4-Input

K J E T Temperature Data Logger

K: -200 ~ 1370°C (-328 ~ 2501°F)
 J: -150 ~ 1000°C (-238 ~ 1832°F)
 E: -150 ~ 750°C (-238 ~ 1382°F)
 T: -180 ~ 400°C (-292 ~ 752°F)



Summary:

The 4 - Input Digital Thermometer DTM-319A is a battery-powered K, J, E, T Type temperature data logger with sensor already built inside the device. For sure, the product is a compact, which is easy for users to carry it everywhere.

Furthermore, it is a practical device without difficult manipulation skills needed;

customers can use this data logger in an efficient way. Last but not least, the item can measure temperature from -200°C ~ 1,372°C, which is ideal for all applications, especially in some circumstances requiring precise operation and measurement.

Features:

- » 4-channel thermocouples can be used.
- » Resolution 0.1°C or 0.1°F < 1000 ° (>1000 °, 1°C)
- » Temperature scale: °C or °F user-selectable.
- » Sensor K, J, E, T type Thermocouple probe.
- » Sampling rate 1 seconds per testing circle.
- » Isolated input protection up to 250Vac between any two inputs .
- » Back light button .
- » 4 Digit LCD display for every tested point.
- » Auto Power off.
- » Automatic low battery indication.
- » USB Computer interface.
- » Standard Tripod mount connector.

Specifications:

Measurement Channel : 2 Channel
Measurement range : K: -200 ~1372°C (- 328 ~ 2501°F) J: -150°C~1000°C (- 238 ~ 1832°F) E: -150°C~750°C (- 238 ~ 1382°F) T: -180°C~400°C (- 292 ~ 752°F)
Resolution : 0.1°C/°F < 1000°, 1°C/°F ≥ 1000°
Accuracy : ±(0.1% of reading+0.7°C) ±(0.1% of reading+1.4°F) Below -100°C (-148°F) ±(0.4% of reading +0.7°C) ±(0.4% of reading +1.4°F)
Temperature coefficient : 0.01% of reading + 0.05°C per °C (<18°C or >28°C)
Sample rate : 1 time per second
Logging Capacity : 16,000 X 4 Ch.
Recording : 1 Seconds ~ 60 Minutes
Battery type : 9V Battery
Battery lifetime : Approx. 30 hours (alkaline battery)
AC adapter : 9 VDC (8-10VDC Max)
Operation temperature : -10 to 50°C (14 to 122°F)
Operation humidity : 10 to 90%RH (no condensing)
Storage temperature : -40 to 60°C (-40 to 140°F)
Storage humidity : 10 to 75%RH
Dimensions/ Weight : 197 × 65 × 36mm / Approx. 310g
Standard Accessories : Instruction manual, 9V Battery, windows software, carrying case, USB cable, K Type Bead Probe x 2 PCS.
Optional Accessories : AC/DC adapter

Accuracy is specified for ambient temperatures between 18°C (64°F) and 28°C (82°F). The above specifications do not include thermocouple sensor error.

