

TECPEL® DTM-319 Digital Thermometer Data Logger

4-Channel Input + RS-232 Data Logging

Key Features

- Measurement Range: -200°C to 1370°C (-328°F to 2498°F)
- Memory Capacity: Stores 16,000 data points per channel
- Accuracy: -200°C~200°C: $\pm(0.3\% \text{ rdg} + 1^\circ\text{C})$, 200°C~400°C: $\pm(0.5\% \text{ rdg} + 1^\circ\text{C})$, 400°C~1370°C: $\pm(0.3\% \text{ rdg} + 1^\circ\text{C})$
- High Resolution: 0.1°C / 0.1°F
- 4-channel simultaneous thermocouple input and logging
- LCD panel shows 4 readings simultaneously
- Selectable °C / °F display, HOLD function, Auto Power-Off, MAX/MIN function
- Tripod mountable
- RS-232 interface with real-time software
- Standard Accessories: PC software & USB cable, carrying case, 2×TPK-01 probes
- Optional Accessory: AC adapter (DC 9V output)



DTM-319 Contents :

Protecting Case*1、TPK-01*4
USB Cable Line *1、9V Battery *1
Software Manuel *1、Manuel *1



Measuring Range	-200°C to 1370°C (-328°F to 2498°F)
Accuracy	-200°C~200°C: $\pm(0.2\% \text{ rdg} + 1^\circ\text{C})$, 200°C~400°C: $\pm(0.5\% \text{ rdg} + 1^\circ\text{C})$, 400°C~1370°C: $\pm(0.3\%$
Display Resolution	0.1°C / 0.1°F (1°C for 200°C~1370°C)
Sensor Type	Accepts K-type thermocouple probes
Sampling Rate	3 seconds per cycle
Input Protection	60 VDC or 24 Vrms AC maximum
Power Supply	1×9V battery
Dimensions	184×64×30 mm (7.2×2.5×1.2 in)
Weight	210 g (7.4 oz)
Included Items	4 ×TPK-01 thermocouple wires, 9V battery, carrying case, manual, USB Cable RS-232 cable & software