

# TEPEL Temperature and Humidity Meter

## Dual Input



- Temp: -20°C~60°C(-4°F~140°F)  
K-type: -200°C~1370°C(-328°F~2498°F)  
Humidity: 0~100%RH
- 4 Digit, triple display
- K-type thermocouple
- Reading hold, °C or °F annunciators
- MAX. MIN. function
- Auto power off
- REL function
- Automatic low battery indication
- RS-232 computer interface
- RS-232 or USB cable and software for Windows (options)

RS-232



DTM-321



Real time display

<b>Measurement range</b>	T1: -20°C ~ 60°C (-4°F~140°F) T2: K-type: -200°C~1370°C (-328°F~2498°F)
<b>Humidity</b>	0~100%RH, Accuracy ±2.5%RH
<b>Accuracy</b>	
-20°C~+60°C	T1: ±0.7°C
-4°F~140°F	T1: ±1.4°F
-200°C~1370°C	T2: ± (0.3% rdg +1°C) typical
-328°F~2498°F	T2: ± (0.3% rdg +2°F) typical
<b>Temperature scale</b>	Celsius or fahrenheit user-selectable
<b>Resolution</b>	Humidity: 0.1% RH; Temp. T1: 0.1°C, 0.1°F T2: -200°C~200°C, 0.1°C; 200°C~1370°C, 1°C.
<b>Sensor</b>	K-type thermocouple
<b>Response time(T1)</b>	Humidity: 75 sec. in slowly moving air
<b>Temperature</b>	40 sec. in slowly moving air
<b>Input protection</b>	60V DC or 24V rms AC maximum
<b>General</b>	
<b>Power requirement</b>	9V Battery x1
<b>Dimension</b>	Meter: 186x64x30mm (10.8"x2.5"x1.2") Probe: 190x15mm (7.5"x0.6") Weight: 11.2 oz(320g)
<b>Accessories</b>	1 x TPK-01 probe, 9V battery, deluxe carrying case, owners manual

Model	DTM 321	DTM 322
Δ REL function		N/A
Data logging	N/A	
RS-232 cable & software		option

## Dual Input +Data Recorder



- Temp: -20°C~60°C(-4°F~140°F)  
K-type: -200°C~1370°C(-328°F~2498°F)  
Humidity: 0~100%RH
- Data logging capacity 16,000 records
- 4 Digit, triple display
- K-type thermocouple
- Reading hold, °C or °F annunciators
- MAX. MIN. function
- Auto power off
- Time function
- Automatic low battery indication
- RS-232 computer interface
- RS-232 or USB cable and software for Windows (options)

RS-232



DTM-322



Real time display

<b>Measurement range</b>	T1: -20°C ~ 60°C (-4°F~140°F) T2: K-type: -200°C~1370°C (-328°F~2498°F)
<b>Humidity</b>	0~100%RH, accuracy ±2.5%RH
<b>Accuracy</b>	
-20°C~+60°C	T1: ±0.7°C
-4°F~140°F	T1: ±1.4°F
-200°C~1370°C	T2: ± (0.3% rdg +1°C) typical
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<b>Temperature scale</b>	Celsius or Fahrenheit user-selectable
<b>Resolution</b>	Humidity: 0.1% RH; Temp. T1: 0.1°C, 0.1°F T2: -200°C~200°C, 0.1°C; 200°C~1370°C, 1°C.
<b>Sensor</b>	K-type thermocouple
<b>Response time(T1)</b>	Humidity: 75 sec. in slowly moving air
<b>Temperature</b>	40 sec. in slowly moving air
<b>Input protection</b>	60V DC or 24V rms AC maximum
<b>General</b>	
<b>Power requirement</b>	9V Battery x1
<b>Dimensions</b>	Meter: 186x64x30mm (10.8"x2.5"x1.2") Probe: 190x15mm (7.5"x0.6") Weight: 11.2 oz(320g)
<b>Accessories</b>	1 x TPK-01 probe, 9V battery, deluxe carrying case, owners manual, RS-232 cable & software for Windows