

# TEPEL Digital Thermometers



RS-232



DTM-315

## Single Input + Timer

- 200°C~1370°C (-328°F~2498°F)
- 4 Digit LCD display
- Timer function
- K-type thermocouple
- Reading hold °C or °F annunciators
- Single thermocouple input
- MAX. AVG. MIN. function
- Auto power off
- HOLD, REL function
- Automatic low battery indication
- Overrange indication
- RS-232 or USB cable and soft ware (SE-300 option)

<b>Measurement range</b>	-200°C to 1370°C (-328°F to 2498°F)
<b>Accuracy</b>	
-200°C to 1370°C	± (0.5% rdg + 1°C) typical
-328°F to 2498°F	± (0.5% rdg + 1°F) typical
<b>Temperature scale</b>	Celsius or fahrenheit user-selectable
<b>Resolution</b>	1°C or 1°F (-200°C~200°C, 0.1°C)
<b>Sensor</b>	K-type thermocouple
<b>Sampling rate</b>	2.5 Times/per second
<b>General</b>	
<b>Power requirement</b>	9V Battery x1
<b>Dimension</b>	184x64x30mm (7.2"x2.5"x1.2")
<b>Weight</b>	7.4 oz(210g)
<b>Accessories</b>	TPK-01x1, soft carrying case and owners manual



RS-232



DTM-316

## Dual Input

- 200°C~1370°C (-328°F~2498°F)
- 4 Digit LCD display
- K-type thermocouple
- Function & unit sign display °C or °F annunciators
- Dual thermocouple input
- Differential temperature ( T1-T2 )
- MAX. AVG. MIN. function
- Auto power off
- HOLD, REL function
- Automatic low battery indication
- Overrange indication
- RS-232 or USB cable and soft ware (SE-300 option)

<b>Measurement range</b>	-200°C to 1370°C (-328°F to 2498°F)
<b>Accuracy</b>	
-200°C to 1370°C	± (0.5% rdg + 1°C) typical
-328°F to 2498°F	± (0.5% rdg + 1°F) typical
<b>Temperature scale</b>	Celsius or fahrenheit user-selectable
<b>Resolution</b>	1°C or 1°F (-200°C~200°C, 0.1°C)
<b>Sensor</b>	K-type thermocouple
<b>Sampling rate</b>	2.5 Times/per second
<b>General</b>	
<b>Power requirement</b>	9V Battery x1
<b>Dimension</b>	184x64x30mm (7.2"x2.5"x1.2")
<b>Weight</b>	7.4 oz(210g)
<b>Accessories</b>	TPK-01x2, soft carrying case and owners manual



RS-232



DTM-506B

## K/J/T/E/R/S/N-Type Dual Input Thermometer+ Datalogger

- T/C offset adjust
- Save measured data: 128 samples W/real-time data
- Data logger: 16 sets, maximum 1024 data capacity
- RS-232 interface, you can download data to a PC (optional software and USB cable)
- Dual input /Triple display
- T1, T2, T1-T2, time and memory No.
- K/J/T/E/R/S/N-types thermocouple selection
- REC, MAX, MIN, MAX-MIN, AVG, REL, HOLD function
- Resolution 0.1°C/1°C, 0.1°F/1°F
- Warning beeper with Hi/Lo setting
- TIME, Record interval, APO time setting
- Easy reads data with down and up key on meter
- Real time clock with calendar
- Selectable auto power off function
- Programmable Hi-Lo Limits W/mini-DIN output port
- DC ADAPTER: 12V
- Backlight
- 4 1/2 digital 20000 counts with triple display

<b>Measurement range</b>	K-type (0.1°C) -200°C to 1372°C, -328°F to 2501°F J-type (0.1°C) -210°C to 1050°C, -346°F to 1922°F T-type (0.1°C) -200°C to 400°C, -328°F to 752°F E-type (0.1°C) -210°C to 790°C, -346°F to 1454°F R-type (1°C) 0°C to 1767°C, 32°F to 3212°F S-type (1°C) 0°C to 1767°C, 32°F to 3212°F N-type (0.1°C) -50°C to 1300°C, -58°F to 2372°F
<b>Accuracy</b>	Stated accuracy at 23°C±5°C, <75% R.H.
-210°C to 1767°C	± (0.05% rdg + 0.3°C) typical
-346°F to 3212°F	± (0.05%rdg + 1.6°F) typical
<b>Temperature scale</b>	Celsius or fahrenheit user-selectable
<b>Resolution</b>	0.1°C or 0.1°F Except R,S type,
<b>Sensor</b>	K/J/T/E/R/S/N-Types thermocouple
<b>Sampling rate</b>	1 Times/per second
<b>General</b>	
<b>Power requirement</b>	9V Battery x1
<b>Dimensions</b>	195x92x53mm (7.7"x3.6"x2.1")
<b>Weight</b>	8.8 oz(250g)
<b>Accessories</b>	TPK-01x2, rubber holster and owners manual RS232 cable and software disk