

TM-83/TM-83D Thermometer



- Seven thermocouple type selections:K,J,T,E,R,S,N
- Large backlit LCD with 5 digits display dual displays with the maximum reading of 9999.9
- Relative(REL)measurement
- Selectable °C/°F/°K units
- Stores 300 reading manually
- Dimension:155x56x40mm(LxWxH)
- Weight:Approx. 200g

- Datalogging memory reading up to 14000 records (TM-83D)
- Max /Min /AVG /Time and data hold functions
- Dual LCD displays T1,T2 or T1-T2.
- Auto power-off with disable function
- Hi/Lo audible alarm functions
- USB PC serial interface: Windows XP /7~10.(TM-83D)

Require

Application

- Logistics
- Industrial
- Refrigeration
- Laboratory
- Ventilation
- Automotive
- Storage
- Agriculture
- Biotechnology
- Chemical Industry
- Food Processing
- Energy Management

Specification

Range	TYPE-K:-200°C to +1372°C (-328°F to +2501°F) TYPE-J:-210°C to +1200°C (-346°F to +2192°F) TYPE-T:-250°C to +400°C (-418°F to +752°F) TYPE-E:-210°C to +1000°C (-346°F to +1832°F) TYPE-R/S :0°C to +1767°C (+32°F to +3212°F) TYPE-N:-150°C to +1300°C (-238°F to +2372°F)	
Resolution	0.1	K/J/T/E /N
	1	R/S
Accuracy	K/J/E/T/N Type:	
	±(0.05% rdg+0.7°C/1.4°F) -250°C to -100°C (-418°F to -148°F)	
	±(0.05% rdg+0.6°C/1°F) -100°C to -1372°C (-148°F to 2501°F)	
	R/S Type:	
	±(0.05% rdg+2°C/4°F) 0°C to 1767°C (32°F to 3212°F)	
Temperature coefficient	0.01%+0.03°C of read value/°C (0.06°F/°F)outside +18°C to 28°C (+64°F to +82°F) specified range (Under -100°C(-148°F):0.04% of read value added to K,J,T,E,and 0.08% read value added to N)	
Temperature scale	ITS-90	
The above specifications do not include error of thermocouple		