

TECPEL Digital Thermometers

Single Input (DTM 305B)/Dual Inputs (DTM 307B)



DTM-305B

- Thermocouple probe connection detector shown by red LED
- 50°C~1300°C (-58°F ~ 2000°F)
- 3 1/2 Digit LCD display
- K-type thermocouple
- Reading hold °C of °F annunciators
- Single thermocouple input (DTM-305B)
- Dual thermocouple input (DTM-307B)
- Differential temperature T1-T2 (DTM-307B)
- Switchable resolution 0.1°/1.0°
- Front panel offset adjustment
- Automatic low battery indication
- Maximum record
- Over range indication

Measurement range	-50°C to 1300°C (-58°F to 2000°F)
Accuracy	
-50°C to 1000°C	± (0.3% rdg + 1°C)
1000°C to 1300°C	± (0.5% rdg + 1°C)
-58°F to 2000°F	± (0.3% rdg + 2°F)
Temperature scale	Celsius or fahrenheit user-selectable
Resolution	1°C or 1°F (or 0.1°C or 0.1°F)
Sensor	K-type thermocouple
Sampling rat	3 times/per second
General	
Power requirement	9V Battery x1
Dimension	147x70x39mm (5.8"x2.8"x1.5")
Weight	12.2 oz(350g)
Accessories	TPK-01x1 (DTM-305B), TPK-01x 2(DTM-307B), holster and owners manual



DTM-307B



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DTM-305

- 50°C~1300°C (-58°F ~ 2000°F)
- 3 1/2 Digit LCD display
- K-type thermocouple
- Reading hold °C of °F annunciators
- Single thermocouple input
- Switchable resolution 0.1°/1.0°
- Dual thermocouple input (DTM-307)
- Differential temperature (T1-T2) (DTM-307)
- Front panel offset adjustment
- Automatic low battery indication
- Maximum record
- Over range indication

Measurement range	-50°C to 1300°C(-58°F to 2000°F)
Accuracy	
-50°C to 1000°C	± (0.3% rdg + 1°C)
1000°C to 1300°C	± (0.5% rdg + 1°C)
-58°F to 2000°F	± (0.3% rdg + 2°F)
Temperature scale	Celsius or fahrenheit user-selectable
Resolution	1°C or 1°F (or 0.1°C of 0.1°F under 199°C)
Sensor	K-type thermocouple
Sampling rate	3 times/per second
General	
Power requirement	9V Battery x1
Dimension	147x70x39mm (5.8"x2.8"x1.5")
Weight	13.8 oz(395g)
Accessories	TPK-01x1 (DTM-305), TPK-01 x 2 (DTM-307), holster and owners manual



DTM-307

