

Digital Thermometer

DURATOOL


Features

Thermocouple open indication and Low battery indication.

Specifications

Display	: 3-1/2 Digit LCD
Thermocouple probe	: TP-01 type K thermocouple probe 1meter with Plug -50°C to +250°C (-58°F to +482°F)
Accuracy	: $\pm 0.5\%$ +1°C
Battery	: 2x1.5V AAA size
Working environment	: 0°C to +40°C (<80%RH)
Storage environment	: -10°C to +60°C (<70%RH, without batteries)
Dimension	: 128mm x 61mm x 25mm

Accuracy Specifications: Centigrade

Temperature Range	Resolution	Accuracy
-50°C to -20°C	0.1°C	$\pm 6^\circ\text{C}$
-20°C to -0°C	0.1°C	$\pm 3^\circ\text{C}$
0°C to -200°C	0.1°C	$\pm(1\% \text{ read} + 2^\circ\text{C})$
200°C to -500°C	1°C	$\pm(1\% \text{ read} + 2^\circ\text{C})$
500°C to -750°C	1°C	$\pm(1\% \text{ read} + 3^\circ\text{C})$

Accuracy Specifications: Fahrenheit

Temperature Range	Resolution	Accuracy
-58°F to -4°F	0.1°F	$\pm 8^\circ\text{F}$
-4°F to 32°F	0.1°F	$\pm 5^\circ\text{F}$
32°F to 200°F	0.1°F	$\pm(1\% \text{ read} + 4^\circ\text{F})$
200°F to 932°F	1°F	$\pm(1\% \text{ read} + 4^\circ\text{F})$
932°F to 1382°F	1°F	$\pm(1\% \text{ read} + 5^\circ\text{F})$

Note: The accuracy applies within one year after the calibration. Reference condition: the environment temperature +18°C to +28°C, the relative humidity is no more than 80%.

Part Number Table

Description	Part Number
Digital Thermometer, K-type, -50°C to +750°C	D03129

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