

Digital Thermometers

Model 51-2, Single Output

The Model 51-2 combines Fluke's technical expertise in lowcost, hand-held and laboratory-grade bench-top temperature instruments to create the most advanced yet affordable thermometer, offering high accuracy, wide temperature range, and simple operation via simple, clearly-labeled push buttons on the front panel. Features include a reading freeze function, minimum, maximum and average reading with time stamp, and choice of units in Celsius, Kelvin or Fahrenheit. One K-type thermocouple bead temperature probe is included.

Model 52-2, Dual Output

The Model 52-2 is a dual-channel thermometer offering all the features of the Model 51-2 with the addition of: differential mode (T1-T2), continuous scan through T1, T2, T1-T2 sequence, record of minimum and maximum temperature from any of its three measurements (T1, T2, T1-T2) and selectable high or low resolution (0.1° or 1°). The Model 52-2 includes two K-type thermocouple bead temperature probes.

Specifications

Range: -40° C to +260° C, -40° F to +500° F
 Accuracy: ±0.05% + 0.3° C
 Resolution: 0.1° C, 0.1° F, 0.1 K
 Power: 3 AA alkaline, typical 1000-hour life
 Dimensions: 38 x 86 x 173 mm (1.5 x 3.4 x 6.8 in)
 Weight: 400 g (14 ozs)



Left: Model 51-2 digital thermometer with single thermocouple
Right: Model 52-2 digital thermometer with two thermocouples

Features:

- ▶ Wide range, -40° C to +260° C
- ▶ Dual display with backlight
- ▶ Displays Celsius, Kelvin, Fahrenheit
- ▶ Maximum, minimum and average readings
- ▶ Freeze function
- ▶ T1, T2, or T1-T2 readings, Model 52-2 only
- ▶ Sleep mode after 20 minutes
- ▶ Impact absorbing holster