

TECHNICAL DATA

Fluke 52 II Dual Probe Digital Thermometer



Key features

- Dual-input digital thermometer for lab, QA, process calibration, food safety and HVAC
- Shows any combination of T1, T2, T1-T2, plus MIN, MAX, or AVG on the large backlit dual display
- Features fast response and laboratory accuracy (0.05% + 0.3°C)
- Includes a relative time clock on MIN, MAX, and AVG to provide a time reference for major events

Product overview: Fluke 52 II Dual Probe Digital Thermometer

The Fluke 52 II dual-input digital thermometer delivers fast response with laboratory accuracy $(0.05\% + 0.3^{\circ}C)$. You can use the 52 II to measure two contact temperature inputs simultaneously on motors, insulation, breakers, pipes, corroded connections, liquids, and wires with industrial standard J, K, T, or E-type thermocouple temperature sensors. The user friendly-front panel and large, backlit display make it easy to view results from both inputs in multiple ways. And the sleep mode feature preserves battery life to give you a typical thousand hours of operation.

Other useful features:

- · Easy-to-access battery door that allows replacing the battery without breaking the calibration seal
- Comes with splash- and dust-resistant case protected by an impact-absorbing holster and a three-year warranty
- Powered by three, standard AA batteries -30-
- Features an electronic offset function that compensates for thermocouple errors to maximize overall accuracy
- Measures J, K, T, and E-type thermocouples
- Handles temperatures up to 900°C (1600°F)
- Presents results in °C, °F, or Kelvin (K)
- Provides a user-friendly front panel that is easy to set up and operate



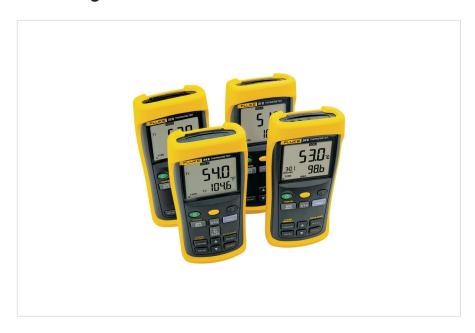
- Offers sleep mode to increase battery life; 1000-hour battery life typical
- Offers optional ToolPak accessory to hang the thermometer from any metal object (with the rare earth magnet) or secure around a pipe (with hook-and-loop straps) for hands-free operation

Specifications: Fluke 52 II Dual Probe Digital Thermometer

Above -100°C	J, K, T, E, and N-type: ±[0.05% + 0.3°C] ¹
	R and S-type: ±[0.05% + 0.4°C] ¹
Below -100°C	J, K, E, and N-types: ±[0.20% + 0.3°C] ¹
	T-type: ±[0.50% + 0.3°C]
J-type	-210°C to 1200°C
K-type	-200°C to 1372°C
T-type	-250°C to 400°C
E-type	-150°C to 1000°C
N-type	-200°C to 1300°C1
R and S-type	0°C to 1767°C ¹
ITS-90	
NIST-175	
0.1°C, 0.1 K < 1000	
1°C, 1 K ≥ 1000	
Bthermometers are capa	ble of measuring N, R, and S-type thermocouples.
-10°C to 50°C	
-40°C to 60°C	
0% to 90%; 0°C to 35°C	
0% to 70%; 0°C to 50°C	
CSA C22.2 No. 1010.1 1992; EN 61010 Amendments 1,2	
CE, CSA, TÜV (pending)	
s	
173 x 86 x 38 mm	
400 g	
3 AA batteries; typical 1000-hour life	
	Below -100°C J-type K-type T-type E-type N-type R and S-type ITS-90 NIST-175 0.1°C, 0.1 K < 1000 1°C, 1 K ≥ 1000 Bthermometers are capa -10°C to 50°C -40°C to 60°C 0% to 90%; 0°C to 35°C 0% to 70%; 0°C to 50°C CSA C22.2 No. 1010.1 CE, CSA, TÜV (pending) s 173 x 86 x 38 mm 400 g



Ordering information



Fluke 52 II

Fluke 52 II Dual Input Digital Thermometer

Includes:

- Impact absorbing holster
- Two 80PK-1 beaded probe thermocouples

Fluke 52 II CAL

Fluke 52 II Dual Probe Digital Thermometer, with a traceable certificate of calibration with data from Fluke

Includes:

- Impact absorbing holster
- Two 80PK-1 beaded probe thermocouples
- A tracable certificate of calibration with data from Fluke

R-FLUKE-52-2 60HZ

Fluke 52 II Dual Probe Digital Thermometer, fully reconditioned to original factory specifications. Includes Fluke's 3 year product warranty.



$\textbf{Fluke}. \ \textit{Keeping your world up and running}. \\ \textbf{\textcircled{\$}}$

Contact: Industrial Process Measurement, Inc. 3910 Park Ave, Unit #7 Edison, NJ 08820 USA (732) 632-6400 support@instrumentation2000.com/ https://www.instrumentation2000.com/

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