

Thermometers — continued

Digital Thermometers  
Fluke 50S and Fluke 50D

FLUKE



- Value-priced offering with choice of single input or dual input models
- Rugged holster protects thermometer
- OFFSET function minimizes thermocouple errors
- K- or J-type thermocouple compatibility
- °C or °F readout
- User selectable 0.1°C (0.2°F)
- HOLD mode freezes display for convenient viewing

New

- (T1-T2) true differential display mode (50D only)
- SCAN mode cycles display through T1, T2, (T1-T2) (50D only)
- MIN/MAX recording (50D only)
- One year warranty

Temperature range: K-type -200°C to 1370°C (-328°F to 2498°F)  
J-type -200°C to 760°C (-328°F to 1400°F)  
Temperature accuracy: K-type [0.1% + 0.7°C (1.3°F)]  
J-type [0.1% + 0.8°C (1.4°F)]  
Display resolution: 0.1°C (0.2°F) over full range  
Unit weight: 280g (10oz)  
Dimensions: (without holster) 16.6cm L x 7.5cm W x 2.8cm D  
Battery: 9V battery  
Battery life: 800 hours typical  
Certification: CE, CSA  
Warranty: 1 year

	Order Code	Price Each		
		1+	5+	10+
Fluke 50S	355-6189			
Fluke 50D	355-6190			

Digital Thermometer  
Fluke 51II/Fluke 52 II

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- 51 and 52 Series II:**
- Large backlit dual display shows any combination of T1, T2 (52 only), T1-T2 (52 only) plus MIN, MAX, or AVG
  - Relative time clock on MIN, MAX, and AVG provides a time reference for major events
  - Electronic Offset function allows compensation of thermocouple errors to maximise overall accuracy
  - Measures J, K, T and E-types of thermocouples
  - Readout in °C, °F, or Kelvin (K)
  - Sleep mode increases battery life

- Battery door allows easy battery replacement without breaking the calibration seal
  - Optional ToolPak accessory for hanging your thermometer (302-9578)
- The new Fluke 50 Series II contact thermometers offer fast response and laboratory accuracy (0.05% +0.3°C) in a rugged handheld test tool

**Temperature range**  
J-type Thermocouples -210°C to 1200°C (-346°F to 2192°F)  
K-type Thermocouples -200°C to 1372°C (-328°F to 2501°F)  
T-type Thermocouples -250°C to 400°C (-418°F to 752°F)  
E-type Thermocouples -150°C to 1000°C (-238°F to 1832°F)

**Temperature Accuracy**  
Above -100°C (-148°F): ±[0.05% +0.3°C (0.5°F)]  
J,K,T,E, and N-type\*\*  
Below -100°C (-148°F): J,K,E ±[0.20% +0.3°C (0.5°F)]  
T-type ±[0.50% +0.3°C (0.5°F)]  
Battery life: 1000 hours typical, AA  
Weight: 400g

	Order Code	Price Each			
		1+	2+	5+	10+
Fluke 51-II	C4 318-3361				
Fluke 52-II	C10 318-3373				
Standard Calibration	S C4				Each

Digital Thermometers  
Fluke 53/54 Series II

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The new Fluke 53/54 Series II contact thermometers offer fast response and laboratory accuracy (0.05% + 0.3°C) in a rugged handheld test tool.

New

- Large backlit dual display shows any combination of T1, T2, T1-T2, plus MIN, MAX or AVG
- Relative time clock on MIN, MAX and AVG provides a time reference for major events
- Electronic Offset function allows compensation of thermocouple error to maximize overall accuracy
- Measures J, K, T and E-types of thermocouples
- Readout in °C, °F or Kelvin (K)
- Sleep mode increases battery life
- Battery door allows easy battery replacement without breaking the calibration seal
- Optional Tool Pak accessory for hanging your the thermometer
- Data Logging up to 500 points of data with user adjustable recording interval
- Additional thermocouple types R, S and N (for a total of 7 different types)
- Real time clock captures the exact time of day when events occur
- Recall function allows logged data to be easily reviewed on the meter display
- IR communication port allows data to be exported to optional Fluke View Temperature PC software

Thermocouple Types K, J, T, E, N, R, S  
Number of Inputs 53-II (Single), 54-II (Dual)  
Time Stamp Time of Day  
Splash/Dust resistant Yes  
Dual Display with Backlight Yes  
MIN/MAX/AVG Recording Yes  
Compatible with optional Toolpak Yes  
Differential (T1-T2) Readout 54-II only  
Data Logging Up to 500 Points Yes  
IR Data Port for Interface to PC Yes

**Temperature Range**  
J-type Thermocouples -210°C to 1200°C (-346°F to 2192°F)  
K-type Thermocouples -200°C to 1372°C (-328°F to 2501°F)  
T-type Thermocouples -250°C to 400°C (-418°F to 752°F)  
E-type Thermocouples -150°C to 1000°C (-238°F to 1832°F)  
N-type Thermocouples -200°C to 1300°C (-328°F to 2372°F)  
R and S-type Thermocouples 0°C to 1767°C (32°F to 3212°F)

**Temperature Accuracy**  
Above -100°C (-148°F): ±[0.05% +0.3°C (0.5°F)]  
J,K,T,E and N-type ±[0.05% +0.4°C (0.7°F)]  
R and S-type  
Below -100°C (-148°F): J,K,E and N-types ±[0.20% +0.3°C (0.5°F)]  
T-type ±[0.50% +0.3°C (0.5°F)]  
Battery: 1000 hours typical, AA  
Weight: 400g  
Warranty: 3 years

- FlukeView Forms Software**  
Here's a fast and easy way to document, store and analyze temperature measurements.
- Produce professional-looking documents
  - In-depth analysis with records, charts and graphs
  - Standard and customizable forms
  - Export data to the measurement analysis programs
  - Infrared interface between thermometer and PC makes data transfer fast and easy
  - Optional IR adapter and cable for PCs without an IR port

	Order Code	Price Each		
		1+	5+	10+
Fluke 53-II	318-3385			
Fluke 54-II	318-3397			
FLUKEVIEW SW40	321-4606			
FLUKEVIEW CS54 with Cable	321-4618			

LCD Digital Thermometers – 50 Series

FLUKE



H = 165, W = 75, D = 29

Please call our sales office