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FLUKE®

# Fluke 50S and 50D Thermometers

## Value-priced thermometers featuring great reliability

**The Fluke 50S (single input) and 50D (dual input) contact thermometers offer simple functionality at a great price.**

These thermometers work with either K- or J-type thermocouples and offer 0.1 °C (0.2 °F) resolution over the entire measurement range. Both models are protected by a rugged yellow holster.

### Benefits at a glance:

- 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
- (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

### Fluke 50S

A basic single input thermometer that you can rely on. To maximize accuracy, calibration pots on the face of the meter allows the user to easily compensate for thermo-couple errors. Other features include a selectable readout in °C or °F, and HOLD mode to freeze the reading on the display.







### Fluke 50D

The dual-channel 50D has all the capabilities of the 50S, plus additional measurement functions and valuable features. With the capability to display (T1-T2) temperature differentials, the 50D is ideal for measuring input/output temperature changes. Features include SCAN Mode, a valuable function that continuously scrolls the display screen through the values for T1, T2, and (T1-T2); and MIN/MAX RECORD, which captures the minimum and maximum temperatures from any one of the three output values.

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## Specifications

### Measurement

**Temperature accuracy:**
K-type [ 0.1% + 0.7 °C (1.3 °F) ]
J-type [ 0.1% + 0.8 °C (1.4 °F) ]
**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)
**Display resolution:**
0.1 °C (0.2 °F) over full range

### General

**Unit weight:** 280 g (10 oz)
**Dimensions:** (without holster)
16.6 cm L x 7.5 cm W x 2.8 cm D
(6.6 in L x 3.0 in W x 1.1 in D)
**Battery**
9V battery
**Battery life**
800 hours typical
**Certification**
CE, CSA
**Warranty/calibration interval**
1 year

**Included Accessories**
**50D: Two K-type bead probe thermocouples, C70Y holster**
**50S: One K-type bead probe thermocouple, C70Y holster**

**Replacement parts:**
**To order, call (800) 526-4731 in the U.S. Outside of the U.S. call (425) 347-6100.**

**Need Technical Assistance? Call:**
**1-800-44-FLUKE**
**Toll-free in the U.S.**
**(800) 36-FLUKE in Canada**
**(425) 356-5500 other countries**

**For more information to be sent to you by fax, call 1-800-FLUKE-FAX in the U.S. and Canada.**
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