

## 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 thermocouple 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.

## 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.

Or, visit our Website at

<http://www.fluke.com>

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