Fluke 50 Series II Thermometers

Lab accuracy in a field thermometer



Fluke 53 II B





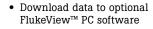
The Fluke 50 Series II Contact Thermometers offer fast response and laboratory accuracy in a rugged handheld test tool.

- Laboratory accuracy: ±(0.05% + 0.3° C)
- Large backlit dual display
- Min/Max/Avg
- Electronic offset function maximizes overall accuracy
- Supports a wide range of thermocouple types
- Temperatures displayed in C, F, or Kelvin (K)
- Three-year warranty

Powerful data logging capabilities

The Fluke 53 II B and 54 II B can log up to 500 points of data to internal memory.

- User-adjustable recording intervals
- Real-time clock captures the exact event time
- Recall function lets logged data be easily reviewed



5 10 96.5 Fluke 51 II

Fluke 52 II

Specifications	51 II	52 II	53 II B	54 II B
Thermocouple types	J,K,T,E	J,K,T,E	J,K,T,E,N,R,S	J,K,T,E,N,R,S
Number of inputs	Single	Dual	Single	Dual
Time stamp	Relative Time	Relative Time	Time of Day	Time of Day
Dual display with backlight	•	•	•	•
Min/Max/Avg recording	•	•	•	•
(T ₁ -T ₂) True differential	-	•	-	•
Data logging up to 500 points	-	-	•	•
IR data port for interface to PC	-	-	•	•
Compatible with FlukeView [™] Software	-	-	•	•
Battery life	1000 hours typical, AA			
Size (HxWxD)	173 mm × 86 mm × 38 mm			
Weight	0.4 ka			

Temperature range and accuracy			
J-type Thermocouples	-210° C to 1200° C (-346° F to 2,192° F)		
K-type Thermocouples	-200° C to 1372° C (-328° F to 2,501.6° 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 1,832° F)		
N-type** Thermocouples	-200° C to 1300° C (-328° F to 2,372° F)		
R** and S-type** Thermocouples	0° C to 1767° C (32° F to 3,212.6° F)		
Temperature accuracy above -100° C:			
J, K, T, E, and N-type**	±[0.05% + 0.3° C]		
R** and S-type**	±[0.05% + 0.4° C]		
Temperature accuracy below -100° C:			
J, K, E, and N-types	±[0.20% + 0.3° C]		
T-type	±[0.50% + 0.3° C]		

Recommended Accessories Fluke 80PK-25 SureGrip™ Fluke 80PK-27 SureGrip™ Industrial Surface Temperature Probe Fluke 80PK-10 Pipe Clamp Temperature Probe

Included Accessories

Fluke 50 Series

Thermometers: Impact Absorbing Holster, Two Bead Probe Thermocouples 80PK-1 (54 and 52 only), One Bead Probe Thermocouple, 80PK-1 (51 and 53 only).

Ordering Information

FLUKE 51 II Single Input Digital Thermometer

Dual Input FLUKE 52 II Digital

Thermometer FLUKE 53 II B Single Input

Digital Thermometer with Data Logging

FLUKE 54 II B Dual Input Digital Thermometer with Data

Logging

Contact your local distributor for price and availability. fluke.com/wtb

