



Model number	Fluke 51 Series II	Fluke 52 Series II	Fluke 53 Series II	Fluke 54 Series II
Application				
Recommended Uses	Laboratory, quality assurance, process calibration, food safety, HVAC	Laboratory, quality assurance, process calibration, food safety, HVAC	Laboratory, quality assurance, process calibration, food safety, HVAC	Laboratory, quality assurance, process calibration, food safety, HVAC
Infrared/ Noncontact				
Contact				
Probe Type	Thermocouple K, J, T, E	Thermocouple K, J, T, E	Thermocouple K, J, T, E, N, R, S	Thermocouple K, J, T, E, N, R, S
Number of inputs	1	2	1	2
Temperature Range	J-type: -210 °C to 1200 °C (-346 °F to 2192 °F) K-type: -200 °C to 1372 °C (-328 °F to 2501 °F) T-type: -250 °C to 400 °C (-418 °F to 752 °F) E-type: -150 °C to 1000 °C (-238 °F to 1832 °F)	J-type: -210 °C to 1200 °C (-346 °F to 2192 °F) K-type: -200 °C to 1372 °C (-328 °F to 2501 °F) T-type: -250 °C to 400 °C (-418 °F to 752 °F) E-type: -150 °C to 1000 °C (-238 °F to 1832 °F)	J-type: -210 °C to 1200 °C (-346 °F to 2192 °F) K-type: -200 °C to 1372 °C (-328 °F to 2501 °F) T-type: -250 °C to 400 °C (-418 °F to 752 °F) E-type: -150 °C to 1000 °C (-238 °F to 1832 °F)	J-type: -210 °C to 1200 °C (-346 °F to 2192 °F) K-type: -200 °C to 1372 °C (-328 °F to 2501 °F) T-type: -250 °C to 400 °C (-418 °F to 752 °F) E-type: -150 °C to 1000 °C (-238 °F to 1832 °F)
Data Storage and Download				
Number of on-board memory locations			500	500
PC download and software			Yes, with FlukeView Forms	Yes, with FlukeView Forms
Special features				
Time Stamp	Relative	Relative	Time of day	Time of day
MIN/MAX/AVG/DIFF	MIN/MAX/AVG	MIN/MAX/AVG/DIF	MIN/MAX/AVG/DIF	MIN/MAX/AVG/DIF
Hands-free logging			Yes	Yes
Physical				
Form Factor	Flat	Flat	Flat	Flat
Dimensions, approximate (H x W x D)	17.3 cm x 8.6 cm x 3.8 cm (6.8 in x 3.4 in x 1.5 in)	17.3 cm x 8.6 cm x 3.8 cm (6.8 in x 3.4 in x 1.5 in)	17.3 cm x 8.6 cm x 3.8 cm (6.8 in x 3.4 in x 1.5 in)	17.3 cm x 8.6 cm x 3.8 cm (6.8 in x 3.4 in x 1.5 in)
Battery	3 AA	3 AA	3 AA	3 AA
Warranty	3 years	3 years	3 years	3 years

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