



Optional Accessory: Fluke U1500s High Voltage Differential Probe

Product Feature

The Fluke U1500s High Voltage Differential Probe is a portable voltage sensor with a 1500 V range and 0.1 % accuracy.

General Specifications

Modules	U1500s
Maximum Voltage	1000 V ac rms, continuous, 1500 V dc (Single-range)
Dimensions	138 mm x 75 mm x 45 mm
Weight	295 g, battery included
Input terminal	4 mm banana jacks
Output terminal	BNC (female)
Accessory Cable	BNC to Banana, 1.6 m
Ingress Protection	IEC 60529: IP40 (Terminals Mated)
Battery Type	4 AA, IEC LR6
Battery Life	168 hours (typical)
Indicator	Low battery flashes red Working flashes green
Operating Temperature	-10 °C to 50 °C
Storage Temperature	-30 °C to 60 °C
Operating Humidity	Non-condensing (<10 °C) ≤ 90 % RH (at 10 °C to 30 °C) ≤ 75 % RH (at 30 °C to 40 °C) ≤ 45 % RH (at 40 °C to 50 °C)
Operating Altitude	2000 m
Storage Altitude	12 000 m
Safety General	IEC 61010-1: Pollution Degree 2
Safety Measurement	IEC 61010-2-030: CAT III 1000 V, CAT IV 600 V, DC 1500 V

Electrical Specifications

Measurement Range	1000 V ac rms, 1500 V dc
Accuracy	0.1 % of reading +0.1 % of Range
Bandwidth	100 kHz (Max)
Input Impedance	10 MΩ / <10 pF
Scale	4 mV/V
Common Mode Rejection Ratio	60 dB at 50 Hz
Temperature Coefficients	0.05 % / °C (<18 °C or >28 °C)
Over-range Protection	10 % over range