

Features



- A wide ground loop resistance range, from 0.025 Ω to 1500 Ω , to satisfy all requirements
- Large jaw opening of 35 mm (1.38 in) for tests on ground conductors and/or equipotential bus bars
- Measurement of ground leakage current, from 0.2 mA to 1000 mA, without needing to disconnect - ideal for system troubleshooting
- Wide ac current measurement range from 0.2 A to 30 A allows one instrument for multiple applications
- User-defined HI / LO Alarm limits, for rapid measurement evaluation
- Handy 'display hold' button for capturing readings in hard-to-reach places
- Time saving memory function automatically records and stores measured values
- Automatic self calibration ensures correct measurement every time
- Overload protection: 200 A
- Carrying case and resistance test loop included
- ≥ 8 hours battery life (continuous operation)



Specifications

General Specifications	
Operating error	Refers to the operating temperature range and is guaranteed for 2 years
Storage temp. range	-20 °C to 60 °C (-4°F to 140 °F)
Reference temp. range	23 °C \pm 5 °C (73 °F \pm 9 °F)
Storage humidity	<75 % R _h
Operating humidity	<85% R _h
Display	999 digital LC display with special symbols
Protection	IP30 according to IEC 529/EN 60529
Safety	300 V, CAT III pollution degree 2 IEC 61010-1 and IEC 61010-2-032
Weight	750 g (1.165 lbs)
Conductor size	35 mm (1.38 in) approximately
Dimension (length x width x depth)	276 mm x 100 mm x 47 mm (10.8 in x 3.9 in x 1.9 in)
Emission	IEC 1000 4-2, IEC 61326-I class B
Immunity	IEC 61000-4-2, 8 kV (air) criteria A IEC 61000-4-3, 3 V/m performance criteria A
Range selection	Auto
Overload indicator	"OL" on display
Measuring time	0.5 sec
Measuring frequency	3.333 kHz
Battery type	9 V alkaline (type IEC 6 LR 61)
Battery life	≥ 8 hours (continuous operation)
Power consumption	40 mA
Low battery indication	Display symbol

Ground Loop Resistance (Autorange)	
Range	Accuracy (± % of reading Ω)
0.025 - 0.250 Ω	± 1.5 % rdg ± 0.02 Ω
0.250 - 9.999 Ω	± 1.5 % rdg ± 0.05 Ω
10.00 - 99.99 Ω	± 2.0 % rdg ± 0.3 Ω
100.0 - 199.9 Ω	± 3.0 % rdg ± 1.0 Ω
200.0 - 400.0 Ω	± 5.0 % rdg ± 5 Ω
400.0 - 600.0 Ω	± 10 % rdg ± 10 Ω
600.0 - 1500 Ω	± 20 %
Note:	Loop resistance with no inductance, external magnetic field < 50A/m, external electrical field < 1 V/m, conductor centered.
Fluke 1630	Earth Ground Clamp Meter Includes: <ul style="list-style-type: none"> ● Rugged carrying case with shoulder strap ● Resistance test loop ● 9 V battery ● User's manual in English, French, Spanish, German, Italian, Portuguese, and Simplified Chinese