1630 Earth Ground Clamp Meter

Fluke 1630

Fast and easy earth ground loop testing

The Fluke 1630 earth ground clamp meter simplifies ground loop testing and enables non-intrusive leakage current measurement. The ground loop testing is also known as “stakeless” earth ground testing. To carry out the measurement there is no need for placing earth stakes and disconnecting the earth system from the electrical installation. The Fluke 1630 combines the two current clamps needed to perform the stakeless ground loop test in one compact and easy to use instrument.

- Ground loop resistance testing without any disconnection or additional earth stakes
- Earth ground leakage current measurement for system troubleshooting
- True RMS AC current measurement range up to 30 A
- Rapid evaluation of continuity without disconnection and audible HI/LO alarm
- Display-HOLD function to freeze measurements
- Recording function for automatic storage of measured values, which can be recalled later on the LCD display
- Automatic self calibration ensures correct measurement every time

The Fluke 1630 is ideally suited for the following applications:

- Ground loop checks on any earthing system
- Continuity tests on earth bonding circuits and connections
- Inspection of lightning protection systems
- Leakage current measurement for troubleshooting on earth ground systems

Specifications

(Check the Fluke web for detailed specifications)

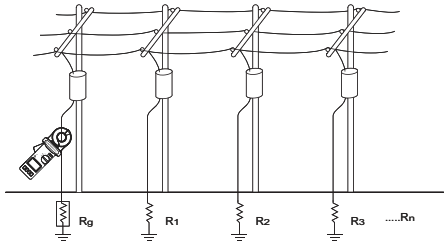
	Range	Max. resolution
Resistance	0.025 to 1500 Ω	0.002 Ω
Cntinuity buzzer	< app. 40 Ω	
Leakage current	0.2 to 1000 mA	0.001 mA
Current	0.2 to 30 A	0.01 A

Weight: 0.64 kg
Conductor Size: 35 mm approx.
Size (HxWxD): 257 mm x 100 mm x 47 mm
Battery type: 9 V IEC 6 LR 61
Two Year Warranty

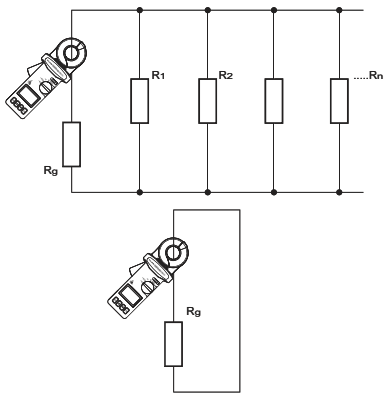
300V CAT III

Ground resistance measurements principle

Ground resistance measurements principle



Equivalent circuit diagram



Included Accessories

Rugged carrying case with belt, Resistance test loop, 9 V battery, Operating instructions.

Ordering Information

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