

3-Wire Earth Resistance Tester



Model: 91120



The 91120 is a "professional instrument". The instrument is suitable for the testing of single earth electrodes such as lightning conductors and other small earthing system. The resistance of conductors such as continuity and conduit coupling joints can also be measured. Two-terminal operation measurement, which reduces the accuracy, can also be done by shorting P and C terminals. Earth resistance can be Measurement directly from 0.01 Ω up to 1999 Ω . The reading is displayed on a large, easy-to-read digital display. It has a zero 0 Ω adjustment setting that is controlled by a dial feature.

Features:

- Capable of measuring earth voltage.
- 2mA measuring current permits earth resistance to test without tripping earth leakage current breakers in the circuit.
- Test leads are supplied as standard accessories for simplified two-wire measuring system.
- 0 Ohm adjustment.
- Data hold function.
- Battery operated.
- Battery life indicator.
- Standard accessories for 3T and 2T.
- Designed to met IEC/ EN 61010-1, EN 61557-1 EN 61557-5. EN 61326-1. CAT III 200V.
- Calibration performed with supplied test leads.

Scope of Supply:

- 1 pc Earth Resistance Tester 91120
- 3 pc Test leads (15m, 10m, 5m)
- 2 pc Auxiliary earth spikes
- 1 pc Simplified Test leads
- 1 pc Carrying Case
- 8 pc Batteries 1.5 V, IEC LR6
- 1 pc Instruction Manual

Technical Data:

Display	3 1/2 digit (1999 counts)
Earth Resistance	0-20 /0-200 /0-2000 Ω
Resolution	0.01/0.1/1 Ω
Accuracy	$\pm(2\%rdg+2dgt)$
Test current	2mA/820Hz
Earth Voltage	0-200V/ AC (40-500Hz)
Accuracy	$\pm(1\%rdg+2dgt)$
Open Circuit Indication	LED will be unlit
Low Battery Indication	symbol appears on the display
Data Hold Indication	symbol appears on the display
Over Range Indication	"1" (MSD)
Power supply	8 x 1.5 V, IEC LR6
Safety complying with	EN 61010-1, EN 61557-1 EN 61557-5. EN 61326-1
Measurement category	CAT III 200V
Dimensions	175 x 85 x 75 mm
Weight	Approx. 600g

