

THREE OR FOUR TERMINAL GROUND/EARTH RESISTANCE TESTER DET5/4D & DET5/4R



- DET5/4D with Disposable Batteries
- DET5/4R with Rechargeable Batteries
- Simple, fully automatic operation
- Weatherproof case Protection to IP54
- Digital Display
- High tolerance to spike resistance helps testing in urban areas

Description

The Megger® DET5/4D and DET5/4R are fully automatic four terminal instruments built into a rugged, water resistant case giving protection for outdoor use. The instruments are suitable for the testing of earth electrodes and measuring earth resistivity.

Earth resistance can be measured directly from 10 m Ω to 20 k Ω. The earth resistance reading is displayed quickly and accurately on a large, clear 3-1/2 digit liquid crystal display. LEDs indicate when there is a high auxiliary current spike or voltage probe resistance which may affect the earth resistance measurement.

The test frequency has been chosen to avoid interference from stray currents at power frequencies and their harmonics.

THE DET5/4D is powered by six 1.5 V AA dry cells which allow approximately 600 typical 15 second tests. The DET5/4R is powered by an internal rechargeable, lead acid battery. This instrument has a built-in battery charger that can operate from a wide range of input voltages. The capacity of the lead acid battery enables approximately 600 typical 15 second tests to be made from one charge.

Earth resistance ranges:

20 ohm range 0.01 ohm to 19.99 ohm
 200 ohm range 0.1 ohm to 199.9 ohm
 2 Kohm range 0.001 Kohm to 1.999 Kohm
 20 Kohm range 0.01 Kohm to 19.99 Kohm

Accuracy:

±2% of reading ± 3 digits

Test Frequency:

128Hz ±0.5Hz

Test Voltage:

Maximum 50 Volts peak

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INSTRUMENTATION ACCESSORIES

Soil Resistivity Test Accessory Kit



4 Terminal kit consisting of:

- Carrying bag
- 4 galvanised steel test spikes
- 50m red test lead
- 30m black test lead
- 15m red test lead
- 3m red test lead

This kit provides the necessary equipment to carry out earth testing with testers such as the Megger DET5/4

Multimeter Test Lead Set



- 1000V working voltage, 10A max working current
- Suitable for most instruments including units that do not accept shrouded 4mm safety plugs
- Complies to EN61010 1000V CATII
- Supplied in handy PVC wallet with instruction leaflet
- Set comprises 2 each (1 red & 1 black): 1.2m insulated test leads with shrouded 4mm plug at the probe end and retractable 4mm plug at the equipment end; sprung hook; test prod; crocodile clip; spade terminal connector
- Supplied in handy PVC wallet with instruction leaflet

Cable Reels



Made from high impact thermoplastic, these reels are specifically designed for use in arduous conditions, such as construction and heavy industry. The polypropylene drum and polycarbonate stand offer extra strength and resistance to most chemical corrosion, while the totally insulated assembly prevents live wires becoming exposed. Fitted with friction brake and with an operating temperature range of -200c to +400c. Available in two reels sizes, sp235 and sp266.

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