

Earth 2/3 MI 2126

Earth Resistance Tester



Reliable measurement results also at presence of stray currents and at high test probe resistance

Earth resistance measurement

- 2-pole and 3-pole measurements.
- Reliable measurement results also at presence of stray currents.
- Outstanding repeatability of measurement results also in case of high test probe resistance at various earthing structures (e.g.: asphalt, sand, stone).
- Warnings for out of limits results and incorrect test conditions.
- Auto power-off.

Technical specifications

Earth Resistance

(two and three point method)

Display range: $0 \div 19.99 \text{ k}\Omega$

Resolution: $0.01; 0.1; 1; 10 \Omega$

Basic accuracy: $\pm(2 \% + 10 \text{ digit}); (0 \div 2 \text{ k}\Omega)$

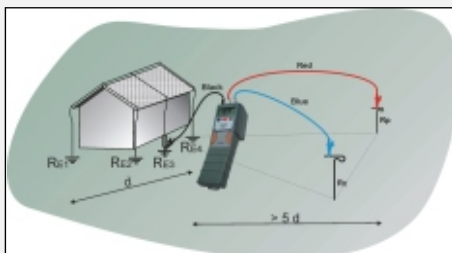
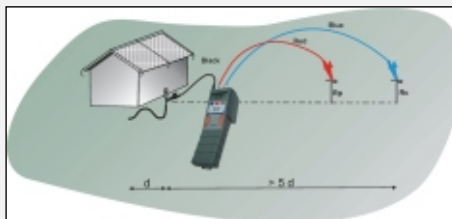
Test voltage: $<40 \text{ V} / 125 \text{ Hz} / \text{sine wave}$

Short-circuit test current: $<20 \text{ mA}$

High noise rejection: yes

Potential and current probe resistance test: yes

Nominal frequency: $50 / 60 \text{ Hz}$



Example of a three point test method where the earth test rods are connected either in straight line ($b = 2 \times a$) or the test rods are connected in three angle ($b = a$).

General specifications

Power supply voltage: $6 \text{ V d.c.} (4 \times 1.5 \text{ V battery IEC Lr14})$

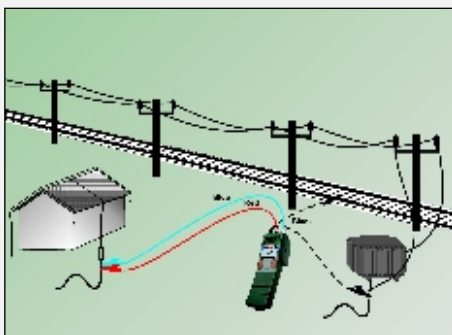
Protection classification: double insulation

Protection degree: IP 40

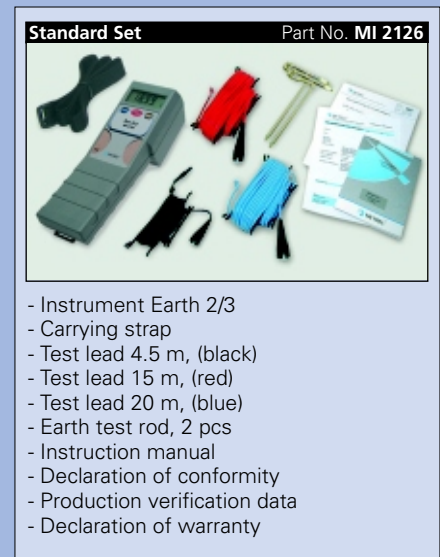
Power consumption: 5 VA

Dimensions (w x h x d): $280 \times 70 \times 80 \text{ mm}$

Weight: 410 g



Example of a two point test method where the independent good earthing system is used as a reference connection to the ground.



- Instrument Earth 2/3
- Carrying strap
- Test lead 4.5 m, (black)
- Test lead 15 m, (red)
- Test lead 20 m, (blue)
- Earth test rod, 2 pcs
- Instruction manual
- Declaration of conformity
- Production verification data
- Declaration of warranty

Standards applied:
EN / IEC 61557-5
DIN / VDE 0100
BS 7671, 16th Edition
CEI 64.8
EN / IEC 61010-1