

MarMonix MEG 4105

Digital Earth Resistance Tester

Data Sheet



Quick Spec Highlights

- **Measurement Range:** 20Ω – 2000 Ω (ground resistance)
200 V (ground voltage)
- **Accuracy:** ±(2% + 3 digits) typical across ranges
- **Resolution:** 0.01 Ω (20 Ω range), 0.1 Ω (200 Ω range), 1 Ω (2000 Ω range)
- **Test Signal Frequency:** Approx. 820 Hz with 3.2 mA test current (at 20 Ω)

Key Features

- **Dual testing:** 2-wire or 3-wire modes
- Safety alerts for poor contact
- Ground voltage up to 200 V with overload protection
- Data hold, backlight & battery check
- Insulated & overload-protected design
- Compact & durable IP40 housing

Ordering Info

- **Part Number :** 7603241
- **GTIN:** 6298043998338

Package Contents

- 1 × MEG 4105 (main unit)
- 1 × 5m Green Test Lead with Alligator Clip
- 1 × 10m Yellow Test Lead with Alligator Clip
- 1 × 20m Red Test Lead with Alligator Clip
- 2 × Auxiliary ground nail
- 6 × 1.5V AA Battery
- 1 × User Manual
- 1 × Carrying Strap
- 1 × Protective Cloth Bag
- 1 × Certificate of Conformity
- 1 × Warranty card

Specifications

Range / Value	Accuracy	Resolution	Function
20Ω	±(2%+10)	0.01Ω	Ground resistance
200Ω	±(2%+3)	0.1Ω	Ground resistance
2000Ω	±(2%+3)	1Ω	Ground resistance
2000Ω (two wires)	±(2%+5)	1Ω	Ground resistance

Warranty

This device is covered by a 2-year warranty from the date of purchase, ensuring reliability and long-term support. The warranty applies to defects in materials and workmanship under normal use. It excludes consumables (fuses, disposable batteries) and damage caused by accident, misuse, modification, contamination, or operation outside specified conditions.