

Ground Continuity Test Instrument Model M25 Model M30 Model M35

Safe, Fast, Efficient

- Performs ground continuity tests in full compliance with BSI, VDE, and IEC
- Test time is adjustable from 1 second to 90 seconds
- Measures AC resistance from chassis of Device Under Test (DUT) to power-cord ground lead— 0 to 0.15Ω
- Audible and visual alarms identify faulty ground connections
- Hipot interface enables interconnecting to any ROD-L Hipot Test Instrument to form an automatic test system
- AC power source supplies 25, 30, or 35 Amps (user specified) at ≈ 2.5 volts

ROD-L Hipot Test Systems Interfacing

- the Ground Continuity Test Instrument can be interconnected with any Rod-L Hipot Test Instrument to operate as a fully automatic system
- one connection for DUT, and one start button to press

SUPERIOR SAFETY FEATURES

- front panel receptacle is rated to 8000 VAC
- front panel receptacle prevents direct operator exposure to high voltage during test



Production/Quality Assurance Testing

- after test parameters are preset, a single button actuates the Fully Automatic test cycle
- measures ground continuity from chassis ground to the power cord ground pin of the DUT
- detects and indicates the following:
 - Test in Progress
 - Test Failed
 - Resistance measurement, 0–0.15Ω
 - Current measurement in amperes
- ground resistance trip point easily preset via rear panel potentiometer
- if the ground resistance exceeds the preset value, a fail is indicated both audibly and visually

Specifications



Output Current	10, 25, 30, or 35 amperes, user specified
Resistance	0 to 0.15 Ω , accurate to $\pm 5\%$, F.S.
Test Time	1 second to 90 seconds, user adjustable (5 to 7 seconds – standard factory setting)
Input Power Required	115/230 VAC, $\pm 10\%$, 44-66 Hz, 360 watts maximum
Dimensions	16.75" x 5.25" x 13.25" (43 cm x 13 cm x 34 cm)
Weight	30 lbs (13.6 kg) Net 35 lbs (15.9 kg) Shipping
Color	Mint Grey/Black

OPTIONS

- 01 — Remote Control (Digital)
- 06 — Rear Panel Lockout Cover
- 10 — Audible Testing Tone
- 15 — Rack Mounting
- 19 — Remote Control (Analog & Digital)
- 24 — Blank Front Panel (Receptacle and/or Start)



OTHER ROD-L PRODUCTS

- M100/M500 Series — AC Hipot Test Instruments
- M150AC — AC Hipot Test Instrument
- M100DC — DC Hipot Test Instrument
- M120DC — DC Hipot Test Instrument
- M300RT — DC Insulation Resistance Test Instrument
- M450 — Leakage Current Test Instrument
- M650 — High Voltage Switching Matrix
- M900 — International Receptacle Adaptor
- M950 — Hands-Off Controller
- M1088 — IEEE 488 Bus Interface Adaptor
- M2000 Series — Safety Control Cabinet
- ML11, 12 — Test Loads
- MP21 — Probe

