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ROD-L
ELECTRONICS, INC.

UL Listed

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

(over)

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Specifications

ROD-L ELECTRONICS, INC.

Output Current	10, 25, 30, or 35 amperes, user specified
Resistance	0 to 0.15Ω, accurate to ±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, ±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)

OPTIONALLY IEEE 488

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

ROD-L ELECTRONICS, INC.

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