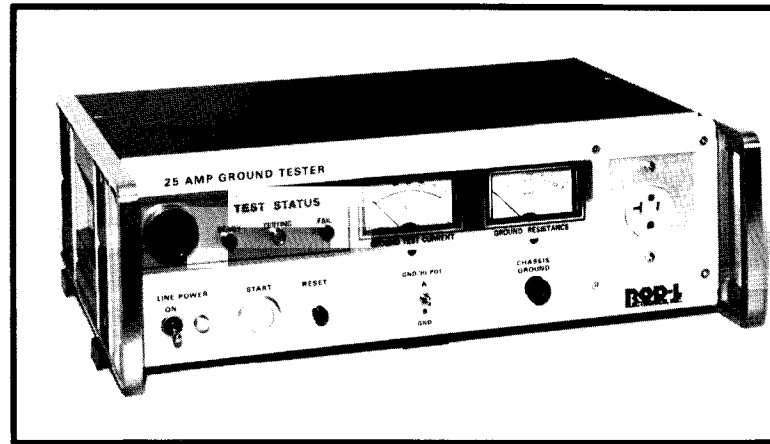


Model M25 Ground Continuity Test Instrument

- Performs 25 amp ground continuity tests in compliance with BSI, VDE and similar standards
- Test time is adjustable from 1 second to 90 seconds
- Measures AC resistance from chassis of device under test to power-cord ground lead — zero to 0.15 ohm
- Audible and visual alarms identify resistance limit exceeded
- Hipot interface enables interconnecting to any ROD-L Hipot Test Instrument to form an automatic test system



Production/Quality Assurance Testing

The M25 Ground Continuity Test Instrument checks ground continuity from chassis ground to the power cord ground pin of the unit under test. Its constant 2.5-volt ac power source supplies up to 25 amperes in full compliance with BSI and VDE standards. AC resistance as well as AC current are displayed on separate, front-panel meters. A potentiometer on the rear panel easily enables setting the ground resistance trip point up to 0.15 ohm. Test time is adjustable between 1 second and 90 seconds. If the ground resistance exceeds the preset value, a fail indication is illuminated and an alarm is sounded. After test parameters are preset, a single start button actuates the fully automatic test cycle, providing efficient and consistent testing.

ROD-L Hipot Test Systems Interfacing

The M25 hipot interface enables performing automatically and sequentially both the 25 amp ground continuity and the hipot test by simple plugging the power cord of the unit under test into the test receptacle on the M25 tester. When testing is initiated, the 25 amp ground continuity test is performed first. If the unit under test passes this test, the hipot test is initiated immediately and automatically without operator intervention.

A remote control (TTL level logic) option allows remote operation of the M25 as well as the integral hipot test system.

Specifications



Output	2.5 volts, up to 25 amperes (30 amps full scale $\pm 5\%$, F.S)
Voltage Rise	Instant on at first sinusoidal zero crossing — initiated with START button
Test Time	1 second to 90 seconds (5 to 7 seconds — standard factory setting)
A-C Resistance	0 to 0.15 ohm, accurate to $\pm 5\%$, F.S.
Power Requirements	115/240 vac, 50-60 Hz
Dimensions	16-3/4" x 5-1/4" x 13-1/4" (43 cm x 14 cm x 34 cm)
Weight	30 lbs (13.6 kg) Net 35 lbs (15.9 kg) Shipping

Options

- 01 — Remote control (TTL level logic)
- 06 — Rear panel lockout cover
- 10 — Audible testing tone
- 15 — Rack mounting

Other ROD-L Products

- M100/M500 Series — AC Hipot Test Instruments
- M100DC — DC Hipot Test Instruments
- M488 — IEEE 488, Bus-Compatible Test Instrument



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