

## GROUND BOND TESTERS - MODELS M25, M30, M35, AND M40

ROD-L 25 Amp, 30 Amp, 35 Amp, and 40 Amp Ground Bond Testers



### OVERVIEW

Our ground bond testers are designed to assess the electrical integrity of the safety ground paths between the exposed conductive surfaces of products and the earth pins of their AC power cords. By using our ground bond testers to continuously test for acceptable resistances in those paths as they are subjected to currents that are close to the limit of what the overcurrent protection for their AC power mains will allow, our ground bond testers can test for electrical safety and integrity issues caused by marginal single-strand wiring or other problems that ordinary low current ground continuity testers may miss. Our model M25, M30, M35, and M40 ground bond testers are designed to test for acceptably low resistance at 25 amps, 30 amps, 35 amps, and 40 amps respectively.

In addition, our ground bond testers are designed to perform these ground bond tests in compliance with UL, BSI, IEC, and other applicable electrical safety testing standards. These standards serve to help reduce your exposure to product liability claims and your risk of producing electrically unsafe products. [Contact us to request a quote.](#)

### APPLICATIONS

- Perform ground bond tests in compliance with BSI, VDE, IEC, and other electrical-safety standards
- Reduce exposure to product liability claims

### FEATURES

- Triggers audible and visual alarms if the ground resistance exceeds the preset value
- Performs ground bond tests in full compliance with BSI, VDE, and IEC standards
- Test time is adjustable from 1 to 90 seconds
- Tests resistance (up to 0.15 Ohms) between the chassis of the tested product and the ground pin of its power cord
- Can connect to any ROD-L hipot tester to enable combination testing via a common start-click and tester connection
- AC power source supplies 25, 30, 35, or 40 Amps (user-specified) at about 2.5 volts
- Front panel receptacle is rated to 8000 VAC
- Reports test progress, test failures, the chassis ground resistance (0 - 0.15 Ohms), and the applied current
- Ground resistance trip point can be preset via a rear-panel potentiometer

### SPECIFICATIONS

#### PHYSICAL

Dimensions: 16.75" x 5.25" x 13.25" (43 cm x 13 cm x 34 cm)  
 Net Weight: 30 lbs (13.6 kg)  
 Shipping Weight: 35 lbs (15.9 kg)  
 Color: Mint Grey/Olive Grey

#### ELECTRICAL

Output Current: 25A for the M25, 30A for the M30, 35A for the M35, and 40A for the M40  
 Resistance: 0 to 0.15 Ohms, accurate within +/- 5% when monitor is at full-scale  
 Test Time: 1 to 90 seconds, user-adjustable (5 - 7 seconds is factory default)  
 Line Input Power Requirements: 115/230 Volts AC, +/- 10%, 44-66 Hz, up to 360 Watts

### ADDITIONAL OPTIONS

01. Remote Control (Digital)
06. Real Panel Lockout Cover
08. Switch-Selectable Failure Points
10. Audible Test Tone
15. Rack Mount Kit
18. Ohms Sense (with Front Panel Receptacle blanked out)

- 19. Remote Control (Analog and Digital)
- 24. Blank Front Panel (Receptacle and/or Start)

**PRODUCT OPERATION DOCUMENTATION**

To review our ground bond tester quick start guide, click here: [ROD-L Ground Bond Tester Quick Start Guide](#). To request a manual for these ground bond testers, please [contact ROD-L](#).