



# Ground Bond Tester

## GFM-500A-DM

PN:00-GFM500A-DM \*

### ❖ 500A Laboratory/Engineering High Current Ground Continuity Tester.



A Compliance West ground bond tester. Equipped with Amp and Volt digital meters. Tester is designed to output 500A with a max load of 0.006Ω, ideal for testing spot welds, bus bars, grounding straps, cables, chassis, and other high current devices.

Premium leads and alligators for high performance. Front start button and large knob for easy adjustment, equipped with zero start safety feature.

Built in the USA. Email and phone support are free for life. Timely and helpful customer service always...

\*Actual products may vary depending on options and configuration.

### ➤ Features

- AC output.
- Up to 500A to any ground circuit a with 6mΩ or less.
- Four-wire output voltage sensing compensates for lead resistance.
- Digital meters for current and voltage.
- Zero start feature for a safe test start at min. current.
- Front panel Led indicates testing in progress.
- Red flashing backlight alarm indicates output >510A.
- Test is interrupted when output exceeds 525A.
- 6min test time protection interrupts test for safety.
- Premium leads and clamps for high performance.
- High efficiency design results in less power usage.
- Large knob for easy output adjustment.
- Ergonomically designed for safety, speed, and efficiency.
- Rugged construction for a longer durability under any circumstances.
- Leads, manual and calibration certificate included.
- ISO17025 Calibration available.
- One year calibration cycle.
- One year warranty.



## ➤ Specifications

### TESTING CIRCUITRY

Test Type:	AC.
Current Output:	20-500Aac (Short circuit to a max. load of 6mΩ). 20-400Aac (Short circuit to a max. load of 8mΩ).
Current Meter:	5% (20-500A)
Voltage Output:	0-3.75Vac (Open circuit)
Voltage Meter:	1.5% (0.37-5.00V).
Alarm Trigger:	510A.
Output Shutoff:	525A.
Test Time limit:	6min.
Duty Cycle:	80% up to 400A (4min. ON and 5min. OFF) 50% over 400A (2min. ON and 4min. OFF)

### ELECTRICAL

#### (\*120V model)

#### (\*220V model)

Input Power:	120V, 15.0A (short circuit to 6mΩ).	TBD.
Frequency:	50/60Hz.	TBD.
Fuse:	16A, 250V, fast acting, 6.3x32mm.	TBD.

### OUTPUTS

Red:	4/0AWG, 500A clamp.
Black:	4/0AWG, 500A clamp.

## ➤ Environmental

Operating Temperature:	15-35°C.
Relative Humidity Range:	0-90% non-condensing.

## ➤ General

Dimensions:	17.00" Wide x 11.00" High x 17.00" Deep.
Weight:	85lbs approx.
Product Package:	<ul style="list-style-type: none"> <li>GFM-500A-DM Tester.</li> <li>GFM-500A-DM User Manual.</li> <li>NEMA 5-15P C19 16A/250V Power Cord.</li> <li>4-Wre sense premium leads witch high current clamps.</li> <li>NIST traceable calibration certificate to ANSI Z540.</li> <li>Calibration Data Copy.</li> </ul>

## ➤ Images



Front



Side



Rear

Rev 1.0

