DGC-1000A
Clamp Ground Resistance Tester

The Amprobe DCG-1000A clamp ground resistance tester, designed for use by electricians and electrical contractors, measures ground resistance, current, and continuity in multi-grounded electrical systems. This true RMS (root mean square) meter provides accurate readings when measuring linear or non-linear loads where the current or voltage has a sinusoidal or nonsinusoidal waveform. The clamp-on head enables the user to measure resistance on a ground rod in a multi-ground system without the use of auxiliary ground rods and without disconnecting the other grounds.

DGC-1000A Features

- **Accurate ground resistance measurement from 0.025 to 1,500 Ohms**
- **True-rms current measurement including leakage current**
- **Accurate readings regardless of power quality in less than 10 seconds**
- **Continuity beep if the resistance is lower than 40.00 Ohms**
- **Simple and easy to use, no test leads or auxiliary electrodes necessary**
- **Data logging capability - 116 records**
- **Individual data point recording**
- **User selectable high & low ohm audible alarms**
- **Auto power off (can be disabled)**
- **Low battery indicator**
- **Large LCD display**
- **Safety: Category III 300 V and Category II 600 V**

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Specifications

Conductor size	Approx. 0.9 in (2.3 cm)
Display type	4 digits 9999 counts LCD
Range selection	Auto
Overload indication	OL
Ground resistance range	0.025 to 1,500 ohms
Power consumption	40 mA
Low battery indication	Yes
Battery life	3000 measurements
Sampling time	0.5 seconds
Operating temperature	14 °F to 122 °F (0 °C to 50 °C)
Operating humidity	Less than 85% RH
Weight (including batteries)	1.4 lb (640 g)
Dimensions	10.1 x 3.9 x 1.9 in (25.7 x 10 x 4.7 cm)
Power supply	1 x 9 V battery (installed)

Included Accessories: Resistance calibration plate, 9 V battery (installed), User manual and Carrying box

For complete specifications, please download the product manual on **amprobe.com**

All Amprobe tools, including the Amprobe DGC-1000A, are rigorously tested for safety, accuracy, reliability, and ruggedness in our state-of-the-art test lab. In addition, Amprobe products that measure electricity are listed by a 3rd party safety lab, either UL or CSA. This system assures that Amprobe products meet or exceed safety regulations and will perform in a tough, professional environment for many years to come.