

Ground Resistance Clamp Meter

NEW



- Large clamp size
- Simple and fast clamp-on operation – no leads, auxiliary rods or spacing requirements
- Direct measurement of ground resistance from 0.01 Ω – 1200 Ω
- Direct measurement of ground leakage current up to 30 amps
- Tests grounding system without disconnecting the ground rod



Ground Resistance Clamp Meter

The 920 Series Ground Resistance Tester from IDEAL enables electricians to test grounding systems without disconnecting the ground, saving both time and effort. By simply clamping around the grounding rod or ground conductor, it provides direct measurements of both ground resistance and ground leakage current. For the safest, quickest and most accurate means of grounding measurement, the 920 Series from IDEAL is the answer.

#61-920 Features

- Simple clamp-on operation
- Ground resistance measurement up to 1200Ω
- Ground leakage current up to 30AAC
- Noise check function
- Auto ranging
- Accommodates conductor size up to 1.25 in. (32mm) 1000 MCM cable
- Memory saves up to 99 readings
- Data hold
- Audible continuity buzzer
- Auto power off with alarm
- Backlight
- Audible resistance alarm
- Double reinforced insulation
- Includes protective case, calibration loop, user manual and four AA batteries



Why measure ground resistance?

A good quality grounding system provides a low resistance fault current path to safely discharge current when a hazardous condition is created in an electrical power system. These conditions are the result of external discharges into a system, such as lightning or a short within the system itself. Maintaining a low ground resistance is essential to protect personnel and meet NEC, OSHA and other electrical safety standards.



Historically, a three-point fall potential test was conducted at the grounding site to check the grounding system. This test required the user to disconnect the ground conductor from the ground rod and measure the resistance using electrodes placed up to 100 feet or more away from the ground rod. This was very time consuming and often impractical. In just a fraction of the time, a clamp-on can accomplish the same task in a much safer manner.

IDEAL INDUSTRIES, INC.

Becker Place, Sycamore, IL 60178, USA / 815-895-5181 • 800-435-0705 in USA
33 Fuller Road, Ajax, Ontario L1S 2E1, Canada / 905-683-3400 • 800-527-9105 in Canada
Level 6, 75-85 Elizabeth Street, Sydney NSW 2000 Australia / 61300 765 800 / 61405 123 100 (Mobile)
225 Europa Boulevard, Gemini Business Park, Warrington, Cheshire, WA5 7TN, UK / +44-(0) 1925 444446
Gutenbergstrasse 10, 85737 Ismaning, Germany / +49-(0) 89 996860
Unit 911, Tower W1, The Towers, Oriental Plaza, No. 1 East Chang An Avenue, Dong Cheng District,
Beijing, 100738, China / 86-10-8518-3141
Room 1401, Finance Square, 333 Jiujiang Road, Shanghai 2000001, China / 86-21-6360-7045
Av. Major Sylvio de M. Padilha, 5200, Bloco F, Cj 201 CEP - 05677-000 São Paulo - SP - Brazil / +55-11-3759-8777
Parque Intermex, Periferico Sur 7999 A, Tlaquepaque, Jalisco, Mexico, c.p. 45601 / 33-37702320

www.idealindustries.com