

DRM-1A™

Automatic Digital Micro-Ohmmeter

The DRM-1A™ is a fully automatic digital micro-ohmmeter, auto-scale selecting up to 1A DC for ultra-accurate resistance readings from 1 $\mu\Omega$ to 200 Ω . Built into a rugged and lightweight case, the DRM-1A™ is the perfect tool for field and laboratory tasks.

Highlights

- Ultra accurate readings, best in class
- Four-lead Kelvin method
- Highly filtered input channels
- Long lasting, AA batteries
- Array of probes available
- Custom probes are available
- Standard & differential operation modes
- Trusted worldwide since 1999
- Very easy to use



Small Package, Big Performances

- DRM-1A™ is a high-quality, well-thought micro-ohmmeter kit that offer high accuracy and portability
- Finally able to confidently measure very low resistance either at job site, or in the lab with consistent results
- With its highly filtered input channels, the DRM-1A™ allows precise measurements even in presence of intense magnetic field
- DRM-1A™, Accurate, Portable and Reliable

Free interactive presentation:



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Technologies



Technical Specifications

Measuring range	1 $\mu\Omega$ to 200 Ω
Display	LCD display, 128 x 64 pixels
Current	1A, 100mA, 5mA
Resolution	1 $\mu\Omega$
Power Supply	Six AA alkaline batteries
Autonomy	> 4 000 measurements at 1A > 10 000 measurements for the other currents
Operation temperature	-20°C to 50°C (-4°F to 122°F)
Storage temperature	-40°C to 50°C (-40°F to 122°F)
Humidity	0 to 95% non-condensing
Weight	0.86 kg (1.9 lbs)
Dimensions	203 x 114 x 51 mm (8 x 4.5 x 2 inches)



DRM-1A™ kit

The DRM-1A™ kit includes the micro-ohmmeter, a set of AA batteries, a user manual and a calibration certificate.



Booster Type Clamps

The DRM-4017-35™ booster type clamps are designed for low resistance measurement on various contact type devices. It offers an opening of 35mm (1.37 inches) and a sturdy design suited for field application.



Dolphin Type Probe

The DRM-4017-19™ dolphin type clips are designed for low resistance measurement on various contact type devices. It offers an opening of 19mm or 0.67 inches.



Cadweld Probe

The DRM-4012™ probe is specifically designed for non-destructive testing of exothermic Cadweld bonds typically found in substations. Its exclusive design



ELBOW Probe

Paired with the DRM-1A™ and our GET-40™, the GET-ELBOW™ accessory is designed to measure resistance of duck-elbow grounding cable.



Double Hands Probes

The DRM-4015™ probe kit allows for easy resistance measurement on any surface. Its spring loaded tips provide an unmatched accuracy. Tips are easily swappable if dulled.



Protection Bag

The DRM-4014™ protection bag allows to protect your DRM-1A instrument while working in the field. This rugged bag is fully made of resistant nylon material and is light enough to be worn around the neck.



Transportation Case

The BOX-075™ transportation case allows to protect your DRM-1A instrument while working in the field. Fully made of synthetic materials, this case offer plenty of space for all your accessories.