

# 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  $\Omega$ . 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:



[Click here to schedule](#)



[sales@ndbtech.com](mailto:sales@ndbtech.com)



[ndbtech.com](http://ndbtech.com)

**ndb**  
Technologies



# Technical Specifications

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



## 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.