

The MMR200 Microhmmeter is a handheld low-resistance tester designed for accurate and precise measurement of very low resistance values. With high-resolution measurement and strong test-current capability, it is ideal for testing electrical contacts, switchgear, circuit breakers, busbars, cables, and other high-current connections.

The MMR200 Microhmmeter is a handheld low-resistance tester designed for accurate and precise measurement of very low resistance values. With a high resolution of 0.01 $\mu\Omega$ and a maximum test current of 220A, it is ideal for testing electrical contacts, switchgear, circuit breakers, busbars, cables, and other high-current connections.

Built with a rugged and easy-to-operate design, the MMR200 offers stable performance along with open-circuit and overheating protection for safe field use. It is suitable for power utilities, electrical maintenance teams, substations, and industrial testing applications.



FEATURES

- Maximum test current of 220A
- 5.6" LCD screen
- Handheld and portable design for field testing
- Stable and reliable measurement performance
- Data Logging: Stores 999 data files.
- High Resolution: 0.01 $\mu\Omega$
- High stability with open circuit and overheating protection

TECHNICAL SPECIFICATION

Measurement Method	4-wire measurement
Display	5.6-Inch Industrial LCD with high-brightness color
Test Interface	I+, I-, U+, U-
Charger	12.6V/2A
Measurement Time	≤100A: fast mode(recommend),10s, 20s, 30s, 40s,50s, 60s
Data Storage	Save up to 999 sets of data stored
Function	Contact resistance tests of high-voltage switches and circuit breakers; connection resistance tests of metallic welding components
Printer	Optional, press the print button to print the test results
Charging Voltage	12.6V
Working Temperature	-10°C to 50°C
Working Humidity	Below 90%RH, no condensation
Dimension	312mm x 188mm x 85mm
Weight	0.9 kg
Battery	Built-in 12.6V 9000mAh rechargeable lithium battery
Safety Standard	IEC61010-1, IEC61326-1; IEC61000-3-2;CAT III 600V, Pollution Level 2, DL/T967-2005 Verification regulation of loop resistance tester and DC resistance high-speed tester.

Output Current	≤5A, 10A, 30A, 50A, 80A, 100A, 200A Step Current: 2.5A,
Measurement Range	≤5A: 1μΩ to 3500mΩ 10A: 0.1μΩ to 200mΩ 30A: 0.1μΩ to 20mΩ 50A: 0.01μΩ to 15mΩ 80A: 0.01μΩ to 10mΩ 100A: 0.01μΩ to 5mΩ 200A: 0.01μΩ~600uΩ
Accuracy	30A to 220A: 0.01μΩ to 20mΩ 0.5%±1μΩ 5A to 10A: 0.1μΩ to 200mΩ 1%±5dgt ≤5A: 1μΩ to 3.5Ω 1%±5dgt
Test Leads	Standard Length: 3m (5m is optional) Connecting the test leads to the current port and voltage port with a resistance of less than 10mΩ

