

GDHL-200A Contact Resistance Tester (Micro-Ohmmeter)



General Information

GDHL-200A Micro-Ohmmeter is widely used to measure loop resistance and contact resistance for weld joints, cables, and various HV switches within power industry. It uses intelligent power test system “Smart-Quick”, which is granted software copyright, and advanced detection technology.

Features

- With high test current, fully meet with national standard about contact resistance test;
- Quick and accurate measurement. Test current is produced by high precision switching type constant current power supply;
- Use four-terminal wiring method, effectively eliminate the interference produced by test cable resistance;
- With fast test speed, test data is uploaded to PC via USB port or Bluetooth (optional);
- Long work time, over-heat protection circuit and open circuit protection are set to ensure instrument's stable performance;
- User-friendly man-machine interface, simple and easy to operate;
- Wide measurement range for output current: 50A, 100A, other is customized;
- At 100A, max. test time can reach 1~999s, resistance up to 10mΩ, which meets various on-site applications;
- 4.7inch large screen color LCD display, with high brightness, legible in the strong sunlight;
- Built-in thermal printer, easy to print data;
- Data can be saved both on the instrument and USB disk.
- With built-in 150μΩ standard resistor, real-time self-check on internal and external wiring condition to improve test reliability.

Specification

Power supply	AC220V±10%, 50Hz
Power consumption	≤ 500W
Current steps	50A, 100A, 150A, 200A or customized
Measurement range	1-10000μΩ
Accuracy	± (readings*0.5%+0.1uΩ)
Resolution	0.01uΩ
Digital display of resistance	5 1/2 digit
Output voltage of constant current source	≤5V
Measurement time	Can be setting due to different current
Use conditions	-20℃~40℃, ≤80%RH (no condensing)
Weight	About 5kg

Accessories

Main unit	1 set
Test cable (red, black)	1 set
Power cord	1pc
Ground cable	1pc
Built-in standard resistor	1pc
User's guide	1 copy
Warranty card	1 copy
Packing list	1 copy
Factory test report	1 copy