



GDHL-100A Micro-Ohmmeter



General Information

GDHL-100A 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, meets the regulations of national standard GB50150-2006 and DL/T 845.4-2004.

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 line resistance;
- With fast test speed, test data is uploaded to PC via USB port;
- 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;
- At 100A, max. test time can reach 999s, which meets various on-site applications;
- 4.7 inch large screen color LCD display, with high brightness, legible in the strong sunlight;
- With built-in thermal printer;
- Data can be saved both on the instrument and USB disk.
- With built-in 200 $\mu\Omega$ 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
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	Multiple test steps are optional.
Use conditions	-20°C~40°C, ≤80%RH (no condensing)
Weight	Not more than 5kg.