



GD2000H Insulation Resistance Tester



General Information

This device can test insulation resistance (such as transformer, switchgear, leads, motor) of different modules in one system, to insulate and repair failure components. It is important to ensure products quality and security of person and equipment during operation by insulation test of checking test object to ground or adjacent conductors' insulation.

Before power on the system, use insulation test to verify if it is good to improve system performance. Insulation test is to find manufacturing process problems and equipment fault which can't be found before failure happened. In EU, this test is compulsory, even to civil system.

Features

- Voltage output GD2000H (5kV/10kV).Resistance range 0-400GΩ.
- Two modes display insulation resistance.
- Auto-calculating absorption ratio and polarization index.
- Friendly operation, continuous saving 19times measurement results.
- Auto-discharge residual high voltage after test is over.
- AC/DC power supply, with rechargeable battery or AC adapter.
- Strong anti-interference ability, stable and reliable reading.
- Portable design, suitable for wild work.
- Short-circuit current $\geq 3.5\text{mA}$, ideal equipment for testing insulation resistance of large transformer, inductor, generator, HV motors, electric capacitor, cables and surge arrester.

Specification

Item Model		GD2000H
Output voltage		5kV DC , 10kV DC
Accuracy	Temperature	23°C±5°C
	Insulation resistance	5M ~ 100G ±5%
		10M ~ 200G ±5%
		Other range: ±10%
	Output voltage	40M ~ 200G 0 ~ +10%
		80M-400GΩ 0 --+10%
Short-circuit current		$\geq 3.5\text{mA}$

Power supply	8 * AA type high capacity rechargeable battery & external adapter
Working Temp.& Humidity	-10°C--40°C,max.relative humidity 85%
Storage Temp.& Humidity	-20°C--60°C,max.relative humidity 90%
Insulation	Max.20000MΩ when voltage between circuit and shell is 1000VDC.
Withstand voltage	Withstand 1min when voltage between circuit and shell is 3kV /50Hz AC
Dimension	230mm*190mm*90mm (L*W*H)
Weight	3kg
Accessories	Test leads, manual, rechargeable adapter, power cable, test report