



GD2672B Insulation Resistance Tester



General Information

GD2672B Insulation Resistance Tester is used for carrying out measurement of insulation resistance, suitable for all kinds of high voltage equipment, including switchgear, transformer, reactors, capacitors and cables, etc.

Application standards

- IEC61010-1 CAT.III 600V pollution degree 2
- IEC61010-031 (handle, probe requirements standard)
- IEC61326-1 (EMC standard)
- IEC60529 (IP10)

Features

- Automatic discharge function, make operation more safely .
- LCD light function
- Display digital measurement result
- With live line warning signs and buzzer warning
- Automatic shut off function, automatically shut off after 10 minutes no operation.
- Setting test time function , automatically perform measurements at specified times
- Low voltage indicator
- Use external power supply to do measurement is allowed (DC 12V, 1A adapter)

Specifications

1. Insulation resistance test

Rated Voltage	500V	1000V	2500V	5000V
Measurement range	0.0~99.9 MΩ	0.0~99.9 MΩ	0.0~99.9 MΩ	0.0~99.9 MΩ
	100~999 MΩ	100~999 MΩ	100~999 MΩ	100~999 MΩ
		1.00~9.99 GΩ	1.00~9.99 GΩ	1.00~9.99 GΩ
			10.0~99.9 GΩ	10.0~99.9 GΩ

				100.0~100 0.0 GΩ
Power on/off voltage	DC 500V +30%, -0%	DC 1000V +20%, -0%	DC 2500V +20%, -0%	DC 5000V +20%, -0%
Fixed measurem ent current	1mA~1.2 mA at 0.5 MΩ	1mA~1.2m A at 1.0 MΩ	1mA~1.2m A at 2.5 MΩ	1mA~1.2m A at 5.0 MΩ
Short circuit current	About 1.3mA			
Accuracy	0~99.9GΩ: ±5%rdg±3dgt 100G and above: ±20%(100GΩ and above)			

2. Voltage test

	DC voltage	AC voltage
Measurement range	30~600V	30~600V(50/60Hz)
Resolution	1V	
Accuracy	2%rdg ±3dgt	

3. Technical specifications

Display	LCD display up to 999 counts (1000 counts are displayed at 1T) Bar graph / max 36 points
Overrun indication	OL: mark appears on the insulation resistance range LO: The mark appears on the voltage range
Auto range	Higher range: 1000 counts Lower range: 95 counts (only on the insulation resistance range)
Sampling rate	0.5~10times/s
Altitude	≤2000m(indoor use)
Operating condition	Temperature:0°C~40°C/ humidity: ≤85%
Storage condition	Temperature :-20°C~60°C/ humidity: ≤90%
Overload protection	Insulation resist range : AAC 1200V/10 s Voltage range: AC 720V/10 s
Withstand voltage	AC 8320V (50/60HZ)/5s(between circuit and shell)
Insulation resistance	≥1000MΩ/DC 1000v(between circuit and shell)

Power supply	DC12V (8*1.5V LR14battery)
Current consumption	About 800mA (max.)(usually keep at 20mA)
Battery lifetime	About 15hours
Dimension	153*213*95mm
Weight	1027g(without battery and test wire)