

G9312 Insulation Resistance Tester

G9300 Series

The G9312 12KV insulation Resistance Tester is a digital high voltage insulation resistance tester with 6 ranges: 500V, 1000V, 2500V, 5000V, 10000V and 12000V. Fine adjustment of voltage with 10% step at each range (except 12000V) is available. Test data can be saved in the tester memory and transferred to a PC via the dedicated USB cable, or be transferred to a PC in real time. The tester, with high performance and easy operation, is widely used in the measurement and maintenance of power equipment and power supply circuits.



- AC/DC voltage
- USB data transfer
- 9999 Max display, low battery indication & LCD backlight
- Data storage & Polarization Index
- Over-range alarm
- Comparative measurement & measurement time selection

Standard Accessories

- User Manual
- Test Leads
- USB Cable
- Power Adaptor
- 1.5B Batteries

Specifications		Range	Best Accuracy
Insulation Resistance	500V	0.50MΩ~4.99GΩ	±(5%+5)
		5.00GΩ~49.9GΩ	±(10%+10)
		50.0GΩ~500GΩ	for reference only
	1000V	1.00MΩ~9.99GΩ	±(5%+5)
		10.0GΩ~99.9GΩ	±(15%+10)
		100GΩ~1000GΩ	for reference only
	2500V	2.50MΩ~24.9GΩ	±(5%+5)
		25.0GΩ~249GΩ	±(15%+10)
		250GΩ~2.5TΩ	for reference only
	5000V	5.00MΩ~49.9GΩ	±(5%+5)
		50GΩ~499GΩ	±(15%+20)
		500GΩ~5.0TΩ	for reference only
	10000V	10.0MΩ~99.9GΩ	±(10%+10)
		100GΩ~999GΩ	±(20%+20)
		1000GΩ~10TΩ	for reference only
12000V	12.0MΩ~99.9GΩ	±(10%+10)	
	100GΩ~999GΩ	±(20%+20)	
	1000GΩ~10TΩ	for reference only	

Specifications	Range	Best Accuracy
Output Voltage	500V	0~+10%
	1000V	0~+10%
	2500V	0~+10%
	5000V	0~+10%
	10000V	-5~+10%
	12000V	-5~+10%
Load Current	500V (R=500kΩ) 1mA	0%~+20%
	1000V (R=1MΩ) 1mA	0%~+20%
	2500V (R=2.5MkΩ) 1mA	0%~+20%
	5000V (R=5MΩ) 1mA	0%~+20%
	10000V (R=10MΩ) 0.15~1.2mA	0%~+20%
	12000V (R=12MΩ) 0.15~1.2mA	0%~+20%
DC Voltage Measurement	30V~1000V	±(3%+5)
AC Voltage Measurement	30V~750V (50~60Hz)	±(3%+5)

Features

PC Software For Data Analysis	√
Backlight Function	√
Data Storage	999 sets of data
Dielectric Absorption Ratio (DAR)	0.00~999
Polarization Index (PI)	0.00~999
Power	1.5V Alkaline Batteries (LR14) x 10, Power Adapter
Display	71mm x 34mm
Product Color	Red and Grey
Product Net Weight	6.6 kg
Product Size	410 mm x 342 mm x 204 mm
Standard Quantity Per Carton	1 pc.
Standard Carton Measurement	510 mm x 320 mm x 420 mm
Standard Carton Gross Weight	10.2 kg