

Insulation Resistance Tester, 12kV

G9300 Series - G9312

The GAZELLE G9312 Insulation Resistance Tester, 12kV is a digital high voltage insulation resistance tester with 6 ranges: 500V, 1000V, 2500V, 5000V, 10000V and 12000V. The G9312 plays an important role in testing insulation resistance during maintenance and troubleshooting of large transformers, generators, high-voltage motors, electrical wiring work, plant equipment management, and more. It can swiftly identify system problems that could potentially cause safety hazards and production downtime. The instruments are portable and user-friendly with enhanced functionality. The 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.



- 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