

UT516B

12kV Insulation Resistance Tester



AC/DC voltage



USB data transfer



Low battery indication



Data storage



Polarization Index Over-range alarm



Max display



LCD backlight



Comparative measurement



Measurement time selection



UT516B

	Test Voltage	Range	Accuracy
Insulation Resistance Measurement	500V	0.50MΩ~4.99G 5.00G~49.9GΩ 50.0GΩ~500GΩ	±(5%+5) ±(10%+10) for reference only
	1000V	1.00MΩ~9.99GΩ 10.0G~99.9GΩ 100GΩ~1000GΩ	±(5%+5) ±(15%+10) for reference only
	2500V	2.50MΩ~24.9GΩ 25.0G~249GΩ 250GΩ~2.5TΩ	±(5%+5) ±(15%+10) for reference only
	5000V	5.00MΩ~49.9GΩ 50G~499GΩ 500GΩ~5.0TΩ	±(5%+5) ±(15%+20) for reference only
	10000V	10.0MΩ~99.9GΩ 100G~999GΩ 1000GΩ~10TΩ	±(10%+10) ±(20%+20) for reference only
	12000V	12.0MΩ~99.9GΩ 100G~999GΩ 1000GΩ~10TΩ	±(10%+10) ±(20%+20) for reference only
	Output voltage	500V, 1000V, 2500V, 5000V 10000V, 12000V	0~+10% -5~+10%
Load current	500V, 1000V, 2500V, 5000V 10000V, 12000V	1mA 0.15~1.2mA	0%~+20% 0%~+20%
DC voltage measurement	30V~1000V		±(3%+5)
AC voltage measurement	30V~750V (50~60Hz)		±(3%+5)
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		
Safety	IEC61010-1, CAT IV 600V		