

UT516B

12kV Insulation Resistance Tester



AC/DC voltage



USB data transfer



Low battery indication



Data storage



Polarization Index Over-range alarm



9999

Max display



LCD backlight



Comparative measurement



Measurement time selection



UT516B

	Test Voltage	Range	Accuracy
Insulation Resistance Measurement	500V	0.50MΩ~4.99G	±(5%+5)
		5.00G~49.9GΩ	±(10%+10)
		50.0GΩ~500GΩ	for reference only
	1000V	1.00MΩ~9.99GΩ	±(5%+5)
		10.0G~99.9GΩ	±(15%+10)
		100GΩ~1000GΩ	for reference only
	2500V	2.50MΩ~24.9GΩ	±(5%+5)
		25.0G~249GΩ	±(15%+10)
		250GΩ~2.5TΩ	for reference only
	5000V	5.00MΩ~49.9GΩ	±(5%+5)
		50G~499GΩ	±(15%+20)
		500GΩ~5.0TΩ	for reference only
Output voltage	10000V	10.0MΩ~99.9GΩ	±(10%+10)
		100G~999GΩ	±(20%+20)
	12000V	1000GΩ~10TΩ	for reference only
		12.0MΩ~99.9GΩ	±(10%+10)
Load current	500V, 1000V, 2500V, 5000V 10000V, 12000V	500V, 1000V, 2500V, 5000V 10000V, 12000V	0~+10% -5~+10%
		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		