

12 kV High Voltage Insulation Resistance STANLAY™

Tester | 516B

516 B is a 12kV Insulation resistance tester with 6 ranges; 500V, 1000V, 2500V, 5000V, 10000V & 12000V. Fine adjustment in 10% step of voltage is possible at each range except 12000 volts. High performance instrument for power supply circuits power equipment.

Specifications :

Auto Range	√		516B
Measurements		Range	Accuracy
Insulation Resistance	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)
		50G-499GΩ	for reference only
	10000V	10.0MΩ-99.9GΩ	±(10%+10)
		100G-999GΩ	±(20%+20)
		1000GΩ-10TΩ	for reference only
12000V	12.0MΩ-99.9GΩ	±(10%+10)	
	100G-999GΩ	±(20%+20)	
	1000GΩ-10TΩ	for reference only	
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=2.5MΩ)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	30V ~1000V		±(3%+5)
AC Voltage	30V~750V (50 ~60Hz)		±(3%+5)
Polarization Index (PI)	0.00~999		
Dielectric Absorption Ratio (DAR)	0.00~999		
Other Features			
Low Battery Indication	√		
Data Storage	999 sets of data		
USB Interface	for Data download		
Comparison Measurement	√		
Analog Bar Graph	Emulated on Digital Display		
LCD Backlight	√		
Over- Range Warning	√		
High Voltage Indication	√		
Date & Time on Display	√		
Software	For Data analysis		
General Characteristics			
Power	AC220V Power adapter or 1.5V Alkaline batteries		
Display Size (mm)	71 x 34		
Product Net Weight (kg)	6.6		
Product Size (mm)	410 x 342 x 204		
Standard Accessories	User manual, Test leads (red/ black/ green 1 each), USB cable, power adaptor, 1.5V alkaline batteries		



Features:

- Data logging, 999 sets
- Transfer data to PC via USB cable
- Polarization index (PI)
- DAR
- Measurement time selection
- PC software for data analysis
- Operate direct from AC power supply or batteries


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Quality
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System

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