

# 5KV HV Digital Insulation Resistance



## Tester | 513A

513A Insulation tester is a top professional high voltage insulation tester having four insulation voltages including 2500 Volts and 5000 Volts that can measure insulation resistance of large transformers, generators, high-voltage motors and more. 513A can also measure PI, DAR and other important specifications. Measured data can then be analyzed through PC software. 513A can produce test voltage up to 5kV.

### Features :

- Large 9999 display with 30-segment analog bar graph
- Comparison, upper and lower limit functions
- Continuous measurement mode, PI/DAR measurements
- Auto power off, Power adapter, 18 Data Sets, Backlight
- Auto current discharge and high-voltage output alarm
- Time measurement mode, auto measure within 15 minutes
- USB interface and PC software
- Low battery and over range indications

Complies to:  
IEC61010  
IEC 61557  
IEC 61557-1  
IEC 61557-2



### Specifications :



Auto Range	√		
Measurements	Range		Accuracy
Insulation Resistance (Ω)	Test Voltages	500V~5000V	0%~20%
	500V	0.5MΩ~20GΩ	±(3%+5)
	1000V	1MΩ~40GΩ	±(3%+5)
	2500V	2.5MΩ~100GΩ	±(3%+5)
	5000V	5MΩ~1000GΩ	±(3%+5)
DC Voltage (V)	600V		±(2%+3)
AC Voltage (V)	600V		±(2%+3)
Short-Circuit Current	>3mA		
<b>Other Features</b>			
Auto Power Off	√		
Test Voltage Secondary Display	√		
Low Battery Indication	√		
Data Storage	18 Data Sets		
Comparison Measurement	√		
Polarization Index (PI)	√		
Dielectric Absorption Ratio (DAR)	√		
USB Interface	√		
Analog Bar Graph	30		
LCD Backlight	√		
Over-Range Warning	√		
High Voltage Indication	√		
Timing Measurement	√		
Category Safety Ratings	CAT III 600V		
<b>General Characteristics</b>			
Power	Dual Option : 230 VAC or 1.5V Battery (LR14) x 8		
Display	123mm x 58mm		
Product Net Weight	2kg		
Product Size	202mm x 155mm x 94mm		
Standard Accessories	2Pcs Of One Plug Test Lead To One Alligator Clip (Black And Green), 1Pcs Of Two Plugs Test Lead To One Alligator Clip (Red), Batteries, USB Cable, PC Software CD, Power Adaptor 230V 50/60Hz		

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Quality Management System



ISO 9001:2015

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