

LV Large display Insulation Resistance Tester 1KV | 511



Economy

511 testers can measure insulation resistance of large transformers, generators, high-voltage motors and cables. Standard measurement features include PI & DAR. Measured data can be logged & analyzed through PC software.

Features :

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



Complies to:
EN61010-1



Specifications :

Auto Range	√		
Measurements		Range	Accuracy
Insulation Resistance (Ω)	Test Voltages	100V~1000V	0%~10%
	100V	0.1MΩ~500MΩ	±(3%+5)
	250V	0.5MΩ~2GΩ	±(3%+5)
	500V	1MΩ~4GΩ	±(3%+5)
	1000V	2MΩ~10GΩ	±(3%+5)
DC Voltage (V)	1000V		±(2%+3)
AC Voltage (V)	750V		±(2%+3)
Short-Circuit Current	—		<2mA
Low Resistance (Ω)	0.1Ω~999.9Ω		±(1%+3)
Other Features			
Auto Power Off	√		
Low Battery Indication	√		
Data Storage	18 Data Sets		
Comparison Measurement	√		
Polarization Index (PI)	√		
Dielectric Absorption Ratio (DAR)	√		
Analog Bar Graph	30		
LCD Backlight	√		
Over-Range Warning	√		
High Voltage Indication	√		
Timing Measurement	Around 30 minutes		√
Category Safety Ratings	CAT II 1000V, CAT III 600V		
General Characteristics			
Power	1.5V Battery (LR14) x 8		
Display	123mm x 58mm		
Product Net Weight	1.2kg		
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		



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ISO 9001: 2015

1-QSC202101102



Ref:ST/511/2021