

# LV Digital Insulation Tester 1KV| SIT500



The **STANONE SIT500 Insulation Tester** is used to measure the insulation resistance of **electrical equipment & household appliances**. This is done by measuring the insulation resistance between **electrical circuits** or **between circuits & ground**. These are ideal tools for ensuring **transformers, generators, high voltage motors, power capacitors, power cables, arresters & other electrical equipment** that can operate in a safe & accurate manner.

It is used for insulation resistance measurement for insulation materials & various kinds of **electric equipment's** such as **transformer, electric machines, cables, switches, electrical appliances**, an ideal tool for electric **maintenance, testing & inspection**.

Economy



Complies to:  
IEC61010-1

### Features :

- 2000 count LCD display, overload indication, backlight
- AC voltage measurement, auto power off
- Auto discharge
- Continuous measurements mode, red warning light and buzzer function

### Specifications :

Auto Range	√			
Display Count	2000			
Measurements		Range	Accuracy	
Insulation Resistance (Ω)	Test Voltages	100V/250V/500V/1000V	0%~10%	
	100V	0MΩ~100MΩ	±(3%+5)	
	250V	0MΩ~99.9MΩ 100MΩ~5GΩ	±(3%+5) ±(5%+5)	
	500V	0MΩ~99.9MΩ 100MΩ~5GΩ	±(3%+5) ±(5%+5)	
	1000V	0MΩ~99.9MΩ 100MΩ~5GΩ	±(3%+5) ±(5%+5)	
	Load Current	50V (R=50kΩ) 1mA		0%~10%
		100V (R=100kΩ) 1mA		0%~10%
		250V (R=250kΩ) 1mA		0%~10%
		500V (R=500kΩ) 1mA		0%~10%
		1000V (R=1MΩ) 1mA		0%~10%
Short Circuit Current	-		<2mA	
AC Voltage (V)	30V~750V		±(2%+3)	
Other Features				
Low Battery Indication	√			
LCD Backlight/Light Alarm	√			
Buzzer Alarm/High Voltage Indication	√			
Overload Indication/Auto Discharge	√			
Test Voltage Secondary Display	√			
Category Safety Ratings	CAT III 600V			
General Characteristics				
Power	1.5V Battery (LR6) x 6			
Display	70.6mm x 34mm			
Product Net Weight	500g			
Product Size	150mm x 100mm x 71mm			
Standard Accessories	Batteries, Test Leads, Alligator Clips, Gallus			



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Quality Management System



ISO 9001:2015

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