

# AC/DC Withstanding Voltage & IR Tester

**VASAVI****VE 9053SU**

Pioneer In Test Automation



## Brief Introduction :

VE9053SU AC/DC withstanding voltage & Insulation Resistance Tester is a kind of Hi-pot Tester with 8 Channel Scanning. Due to its simple and compact structure with advanced technology, the operation becomes more convenient and more practical functions. It can be widely used for testing of Coils, transformer, motor winding, household appliances, chargers, adapters and other component specially for safety inspection.

## Features :

- **VE9053SU** : AC / DC withstanding voltage & Insulation Resistance Tester.
- Built-in 8 Channel high voltage scanner
- Programmable output voltage : AC 5kV, DC 6kV
- Programmable maximum current : AC 30mA, DC 10mA.
- The voltage rise time, test time, wait time and drop time can be set
- Option of storage of Test Data
- PASS / FAIL Indication through LED Display

## Specifications :

Model		VE9053SU
<b>Withstanding Voltage Test</b>		
Output Voltage	AC	0.05KV ~ 5KV $\pm$ (2.0% of reading $\pm$ 5 digit)
	DC	0.05KV ~ 6KV $\pm$ (2.0% of reading $\pm$ 5 digit)
	Voltage Adjustment Rate	$\leq$ (1.0% $\pm$ 10V) (Rated Power)
Current Test Range	AC	0.1mA ~ 30mA
	DC	0.01mA ~ 10mA
	Test Accuracy	$\pm$ (2.0% of reading $\pm$ 5 digit)
<b>Insulation Resistance Test</b>		
Output Voltage		0.05KV ~ 1KV $\pm$ (2% of reading $\pm$ 5V)
Resistance Test Range		1M Ohm ~ 10G Ohm (Current Range : 10nA ~ 10mA)
Resistance Test Accuracy	500V ~ 1000V	1M Ohm ~ 1G Ohm $\pm$ (5% of reading $\pm$ 5 digit) 1G Ohm ~ 10G Ohm $\pm$ (10% of reading $\pm$ 5 digit)
	50V ~ 500V	1M Ohm ~ 1G Ohm $\pm$ (10% of reading $\pm$ 5 digit)
<b>General Specification</b>		
Voltage Raise-Time		0.1s ~ 999s
Test Time setting		0.3s ~ 999s
Voltage Drop Time		0.1s ~ 999s
Voltage Wait-Time (DC)		0.1s ~ 99.9s
<b>Arc Detection</b>		
Test Range	AC	1mA ~ 15mA
	DC	1mA ~ 10mA
Minimum Pulse Width		10uS
<b>Other Functions</b>		
Scanner Channels		8
Storage		100 Groups, 100 steps per group
Comparator		PASS / FAIL LED Display indication

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