AC/DC Withstanding Voltage & IR Tester

VE 9053SU





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:

Withstanding Voltage AC 0.05KV ~ 5KV ± (2.0% of reading ± 5 digit) Output Voltage Adjustment Rate ≤ (1.0% ± 10V) (Rated Power) Current Test Range AC 0.1mA ~ 30mA Dutput Voltage Dutput Voltage 0.05KV ~ 16V ± (2% of reading ± 5 digit) Resistance Test Range 0.05KV ~ 1KV ± (2% of reading ± 5V) Resistance Test Range 1M Ohm ~ 10G Ohm (Current Range : 10nA ~ 10mA) Accuracy 1M Ohm ~ 10G Ohm ± (5% of reading ± 5 digit) 16 Ohm ~ 10G Ohm ± (10% of reading ± 5 digit) 16 Ohm ~ 10G Ohm ± (10% of reading ± 5 digit) 16 Ohm ~ 10G Ohm ± (10% of reading ± 5 digit) 16 Ohm ~ 10G Ohm ± (10% of reading ± 5 digit) 16 Ohm ~ 10G Ohm ± (10% of reading ± 5 digit) 16 Ohm ~ 10G Ohm ± (10% of reading ± 5 digit) 16 Ohm ~ 10G Ohm ± (10% of reading ± 5 digit) 16 Ohm ~ 10G Ohm ± (10% of reading ± 5 digit) 16 Ohm ~ 10G Ohm ± (10% of reading ± 5 digit) 16 Ohm ~ 10G Ohm ± (10% of reading ± 5 digit) 16 Ohm ~ 10G Ohm ± (10% of reading ± 5 digit) <th colspan="2">Model</th> <th>VE9053SU</th>	Model		VE9053SU	
DC	Withstanding Voltage Test			
Output Voltage Adjustment Rate ≤ (1.0% ± 10V) (Rated Power) AC 0.1mA ~ 30mA DC 0.01mA ~ 10mA Test Accuracy ± (2.0% of reading ± 5 digit) Insulation Resistance Test Output Voltage 0.05KV ~ 1KV ± (2% of reading ±5V) Resistance Test Range 1M Ohm ~ 10G Ohm (Current Range : 10nA ~ 10mA) Resistance Test Accuracy 500V ~ 1000V Accuracy 1M Ohm ~ 1G Ohm ± (10% of reading ± 5 digit) 1G Ohm ~ 10G Ohm ± (10% of reading ± 5 digit) 1G Ohm ~ 10G Ohm ± (10% of reading ± 5 digit) 1G Ohm ~ 10G Ohm ± (10% of reading ± 5 digit) 1G Ohm ~ 10G Ohm ± (10% of reading ± 5 digit) 1G Ohm ~ 10G Ohm ± (10% of reading ± 5 digit) 1G Ohm ~ 10G Ohm ± (10% of reading ± 5 digit) 1G Ohm ~ 10G Ohm ± (10% of reading ± 5 digit) 1G Ohm ~ 10G Ohm ± (10% of reading ± 5 digit) 1G Ohm ~ 10G Ohm ± (10% of reading ± 5 digit) 1G Ohm ~ 10G Ohm ± (10% of reading ± 5 digit) 1G Ohm ~ 10G Ohm ± (10% of reading ± 5 digit) 1G Ohm ~ 10G Ohm ± (10% of reading ± 5 digit) 1G Ohm ~ 10G Ohm ± (10% of reading ± 5 digit) 1G Ohm ~ 10G Ohm ± (10% of reading ± 5 digit) 1G Ohm ~ 10G Ohm ± (10% of reading	Output Voltage	AC	0.05KV ~ 5KV <u>+</u> (2.0% of reading <u>+</u> 5 digit)	
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Accuracy 1G Ohm ~ 10G Ohm ± (10% of reading ± 5 digit)		500V ~ 1000V	1M Ohm ~1G Ohm <u>+</u> (5% of reading <u>+</u> 5 digit)	
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Test Range AC 1mA~15mA DC 1mA~10mA Minimum Pulse Width 10uS Other Functions Scanner Channels 8 Storage 100 Groups, 100 steps per group	Voltage Wait-Time (DC)		0.1s ~ 99.9s	
Test Range DC	Arc Detection			
Minimum Pulse Width Other Functions Scanner Channels Storage 100 Groups, 100 steps per group	Lest Range -	AC	1mA~15mA	
Other FunctionsScanner Channels8Storage100 Groups, 100 steps per group		DC	1mA~10mA	
Scanner Channels 8 Storage 100 Groups, 100 steps per group	Minimum Pulse Width		10uS	
Storage 100 Groups, 100 steps per group				
	Scanner Channels		8	
Comparator BASS / EALL LED Display indication	Storage		100 Groups, 100 steps per group	
Comparator PASS / FAIL LED Display mulcation	Comparator		PASS / FAIL LED Display indication	