

Insulation Resistance Tester SME1204



Features

- Up to 1000V adjustable test voltage and a maximum test current of 2.4mA
- Resistance test range from 10kΩ to 100GΩ
- The single measurement is as fast as approximately 50ms
- Both resistance and current can be sorted and judged
- Four terminal contact inspection function
- Short circuit inspection function (battery, micro short-circuit test)
- 16 test files are saved for quick switching of different test conditions

Technical Specifications		SME1204			
Resistance Measurement Range	Measurement Range	10kΩ ~ 100GΩ			
	Accuracy	I > 100nA	± 2% reading		
		10nA < I ≤ 100nA	± 5% reading		
		1nA < I ≤ 10nA	± 25% reading		
Resolution	R < 1GΩ	3 ¾ digits			
	1GΩ ≤ R < 10GΩ	Two decimal places			
	R ≥ 10GΩ	One decimal places			
Voltage Output	Range	25V ~ 1000V			
	Resolution	1V			
	Output Accuracy	1% setting voltage ± 1V			
	Reading Accuracy	1% setting voltage ± 1V			
	Resolution	25V ≤ setting voltage < 40V	0.01V		
40V ≤ setting voltage < 400V		0.1V			
400V ≤ setting voltage < 1000V		1V			
Current Measurement	Range	2mA	200μA	20μA	2μA
	Test Range	220μA ~ 2.4 mA	22μA ~ 220μA	2.2μA ~ 22μA	0 ~ 2.2μA
	Resolution	3 ¾ digits			
Test Speed	Range	2mA	200μA	20μA	2μA
	Fast	30-50ms			80ms
	Medium	200ms			
	Slow	500ms			

Technical Specifications		SME1204
Comparator Function		Upper and lower limits of resistance, upper and lower limits of current
Range		Auto : 2mA, 200µA, 20µA, 2µA
Memory		16 sets of test files inside the instrument
General specification		
Display	Display	5" Capacitive touch screen
	Measurement Resolution	3¾
Input Supply		90V ~ 121V (60Hz) or 198V ~ 242V (50Hz) , 50/60Hz
Power		25VA
Operating condition		0°C to 40°C, ≤ 80%RH
Dimensions (W X H x D)		235 x 89 x 154 mm
Weight		1.9 kg.
Interface		RS232C, USB Device, USB Host, Ext. I/O, Analog
Standard Accessories		Standard : Mains Cord, Two Terminal Test Clip Leads (SMA26004B)

(Subject to change)



SMA26004B

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Scientific Mes-Technik Pvt. Ltd.

B-14, Industrial Estate, Pologround, Indore 452 015, India

☎ 0731-2422330/31/32/33

✉ sales@scientificindia.com

🏠 www.scientificindia.com

Bengaluru 080-23452635
 Chennai 044-42054180
 Gujarat +917567463752
 Hyderabad +917095228811
 Kanpur +919981329105

✉ bangalore@scientificindia.com
 ✉ chennai@scientificindia.com
 ✉ gujarat@scientificindia.com
 ✉ hyderabad@scientificindia.com
 ✉ up@scientificindia.com

Kolkata +919673162333
 Mumbai +919850901735
 New Delhi +918770013379
 Pune +919603828884



✉ kolkata@scientificindia.com
 ✉ mumbai@scientificindia.com
 ✉ ndelhi@scientificindia.com
 ✉ pune@scientificindia.com