

FEATURES

- Test Hold function
- Over range indication
- Low battery indication
- Min/Max recording
- Data Hold

RS PRO RS5505, Insulation Tester, 1000V, 4GΩ, CAT III 1000V

RS Stock No.: 123-1934



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

Insulation resistance testers are used to ensure the insulation of wiring is safe, or undamaged after electrical work has been carried out. Testers or megohmmeters are vital in preventing tripped fuses, electrical equipment and instrument breakdown, risk of electric shock or fires. RS5505 is a great value digital insulation tester and continuity tester complying with IEC10101, CAT III for measurements performed in building installations. It features a compact light weight design for continuity and portability. Featuring double-moulded plastic housing providing ultimate protection from harsh environments. Also provided with this purchase are test leads, 6 x AA 1.5 V batteries, a plastic carrying case and user manual.

General Specifications

Model Number	RS5505
Tester Type	Insulation Tester
Display type	LCD
Maximum Insulation Resistance Measurement	4GΩ
Insulation Test Range	0.125MΩ to 4GΩ
Insulation Test Voltages	125V / 250V / 500 V / 1000 V
Short-circuit test current Nominal	1mA
Overload Indication	Yes
Applications	Insulation Testing

Electrical Specifications

Power Source	Battery
Battery Type	AA
Low Battery Indication	Yes
Overload Protection	1000Vrms/ DC
Short circuit current	> 200.0mA

Accuracy Measurement

Output Voltage	Display Range	Resolution	Test Current	Accuracy
125V	0.124MΩ to 4MΩ	0.001 MΩ	1 mA @ 125kΩ	± (2% + 10)
250V	0.250 MΩ to 4 MΩ	0.001 MΩ	1 mA @ 250kΩ	± (2% + 10)
500V	0.500 MΩ to 4 MΩ	0.001 MΩ	1 mA @ 500kΩ	± (2% + 10)
1000V	1.000 MΩ to 4 MΩ	0.001 MΩ	1 mA @ 1000kΩ	± (3% + 10)

Mechanical Specifications

Dimensions	92mm x 50mm x 200mm
Length	92mm
Width	50mm
Height	200mm
Weight	582g

Operation Environment Specifications

Altitude	up to 2000 meters
Relative Humidity	< 80% RH
Minimum Operating Temperature Range	0°C
Maximum Operating Temperature Range	40°C
Pollution Level	2
Storage Temperature Range	-10°C to 60°C

Protection Category

Safety Category Level & Voltage	CAT III 1000V
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Approvals

Compliance/Certifications	IEC10101
Declaration	RoHS Certificate of Compliance



2. PARTS & CONTROLS

1. Digital Display
2. Data Hold Button; MAX/MIN
3. Lock Button
4. Backlight Button; ZERO
5. Test Button
6. Rotary Function switch
7. V Ω Jack
8. COM input jack
9. Pothook
10. Battery Cover

