

FEATURES

- Continuity beeper
- Auto power off
- Lock & hold buttons
- Auto-ranging
- Easy to carry package

RS PRO IIT1601, Insulation Tester, 1000V, 4GΩ

RS Stock No.: 123-2237



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

Our RS PRO insulation testers are a must-have to any electrician's kit. They have multiple features that make them powerful tools. This insulation device is an auto-ranging so saving you time finding the range of what you're testing. This device also features a large backlit display so you can clearly read all the information you need, effortlessly. This insulation tester uses 8 AA batteries for a prolonged life.

General Specifications

Model Number	IIT1601
Tester Type	Insulation Tester
Display type	LCD
Maximum Insulation Resistance Measurement	4GΩ
Insulation Test Range	0.01MΩ to 4GΩ
Insulation Test Voltages	250V to 1000 V
Short-circuit test current Nominal	1mA
Overload Indication	Yes
Calibration Available	Yes
Applications	Insulation and Continuity Testing

Electrical Specifications

Power Source	Battery
Battery Type	AA
Low Battery Indication	Yes
Overload Protection	750Vrms
Short circuit current	> 200.0mA

Accuracy Measurement

Output Voltage	Display Range	Resolution	Test Current	Accuracy
250 V	4MΩ to 4000MΩ	0.001 MΩ	1 mA @ 250kΩ	± (3 % + 5)
500V	4MΩ to 4000MΩ	0.001 MΩ	1 mA @ 500kΩ	± (3 % + 5)
1000V	4MΩ to 4000MΩ	0.001 MΩ	1 mA @1000kΩ	± (3 % + 5)

Mechanical Specifications

Dimensions	190mm x 140mm x 77mm
Length	190mm
Width	140mm
Height	77mm
Weight	900g

Operation Environment Specifications

Relative Humidity	below 80% RH
Minimum Operating Temperature Range	0°C
Maximum Operating Temperature Range	40°C
Storage Temperature Range	-10°C to 60°C

Protection Category

Safety Category Level & Voltage	CAT III 600V
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Approvals

Compliance/Certifications	EN61010-1 / EN61557 / BS7671
Declaration	RoHS Certificate of Compliance

