

FEATURES

- User friendly interface
- True-RMS for excellent precision
- 6,000 count LCD display screen with backlight feature
- Safety category CAT III, CAT IV
- Safety Category and Voltage 600 V, 1000 V
- AC/DC Voltage, AC/DC Current, Resistance, Capacitance, Frequency (electrical & electronic), Duty Cycle, Diode Test, and Continuity plus Thermocouple Temperature
- Auto power off function to preserve battery life
- Test leads included
- Double molded enclosure with IP67 rating offering excellent protection and water resistance
- Li-ion rechargeable battery and battery charger (provided)

RS PRO Digital Multimeters - Handheld Digital Multimeter

RS Stock No.: 1611629



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

RS PRO Heavy Duty True-RMS Digital Multimeter 4,000 Count Display with IP67 Protection

This versatile handheld digital multimeter from our own brand RS PRO features a variety of electronics measurement functions including AC/DC Voltage, AC/DC Current, Resistance, Capacitance, Frequency (electrical & electronic), Duty Cycle, Diode Test, and Continuity plus Thermocouple Temperature. The device features True-RMS for excellent precision when testing, with results clearly displayed via a 4,000 count LCD display screen. In addition, the display screen also features a backlight function, allowing you to enhance the display in poor lighting. Further features include MAX/MIN that allows you to display and hold either the minimum or maximum reading, whereas hold allows you to freeze the reading on the display. The multimeter is housed in a double molded enclosure with an IP67 rating, offering excellent protection with water resistant properties.

General Specifications

Model Number (p)	RS-989
Multimeter Type	Handheld
Functions Measured	AC Current, AC Voltage, Capacitance, DC Current, DC Voltage, Frequency, Resistance
True RMS	Yes
Display Type	LCD
Operating Temperature (Min to Max)	5°C to 40°C (41°F to 104°F)
Storage Temperature (Min to Max)	-20°C to 60°C (-4°F to 140°F)
Surge protection	8kV peak per IEC 61010
Diode Test	Yes
Continuity Test	Yes
Auto power off	Yes 5-30minutes (approximately) with disable feature
Insulation	double insulation per EN61010-1 and IEC61010-1 2nd Edition (2001) to Category IV 600V and Category III 1000V; Pollution Degree 2
Connectivity/Interface	Bluetooth

Measurement

Type	Absolute Maximum Measurement	Resolution	Best Accuracy
DC Current	10A dc	0.1µA	±1 %
AC Current	10A ac	0.1µA	±1.2 %
Resistance	40MΩ	100mΩ	±1 %
DC Voltage	1000V dc	100mV	±0.5 %
AC Voltage	1000V ac	100mV	±1 %
Capacitance	40mF	0.01nF	
Temperature	+1000°C	0.1°C	
Frequency			

Electrical Specifications

Battery Type	9V
Safety Category Voltage	600 V, 1000V

Mechanical Specifications

Dimensions	82 x 57 x 180mm
Width	57mm
Length	82mm
Height	180mm
Weight	255g

Protection Category

Safety Category Level	CAT III, CAT IV
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Approvals

Compliance/Certifications	IEC/EN 61010-1:2001 and IEC/EN 61010-031:2002 / CE /
Declarations	RoHS Certificate of Compliance

Similar Products

Stock No.	Brand	Product Name	Multimeter Type	Functions Measured	Digit Resolution
144-5337	RS PRO	HS608 MeterScope Handheld Digital Multimeter	Handheld	AC Current, AC Voltage, Capacitance, DC Current, DC Voltage, Frequency, Resistance, Temperature	
124-1960	RS PRO	IDM505 Handheld Digital Multimeter	Handheld	AC Current, AC Voltage, Capacitance, Continuity, DC Current, DC Voltage, Diode, Duty Cycle, Frequency, Resistance, Temperature	