

## FEATURES

- RSCAL Calibrated
- User friendly interface
- True-RMS for excellent precision
- Data hold function allows you to freeze measurements for future reference
- Large high contrast 6000 count LCD display with backlight feature
- Safety category CAT III, CAT IV 1000V
- Variety of functions including frequency, resistance, capacitance, diode test, continuity
- A range of functions measured including AC Current, AC Voltage, Capacitance, DC Current, DC Voltage, Resistance
- Auto power off function to preserve battery life
- Test leads included
- Double molded enclosure offering excellent protection and water resistance

# RS PRO Digital Multimeters - RS-9963T Handheld Digital Multimeter

RS Stock No.: 1469097



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 Digital Multimeter True-RMS RSCAL Calibrated

This high performance handheld digital multimeter from our own brand RS PRO features a variety of electronics measurement functions including frequency, resistance, capacitance, diode test, continuity. The device features True-RMS for excellent precision when testing, with results clearly displayed via an LCD display screen. Additional functions included such as data hold allows you to freeze measurements for future reference, whereas the MAX/MIN feature allows you to hold either the maximum reading or minimum, providing precise results. The multimeter is housed in a double molded enclosure, offering excellent protection.

### General Specifications

<b>Model Number (p)</b>	RS-9963T
<b>Multimeter Type</b>	Handheld
<b>Functions Measured</b>	AC Current, AC Voltage, Capacitance, DC Current, DC Voltage, Resistance, Temperature
<b>True RMS</b>	Yes
<b>Display Type</b>	LCD
<b>Operating Temperature (Min to Max)</b>	32°F to 104°F(0°C to 40°C) at 5°C to 40°C (41°F to 104°F)
<b>Storage Temperature (Min to Max)</b>	14°F to 140°F(-10°C to 60°C) at-20°C to 60°C (-4°F to 140°F)
<b>Diode Test</b>	Yes
<b>Continuity Test</b>	Yes
<b>Auto power off</b>	Yes After approx. 15 minutes of inactivity
<b>Insulation</b>	Class 2, double insulated

### Measurement

Type	Absolute Maximum Measurement	Resolution	Best Accuracy
<b>DC Current</b>	10A dc		±1.2 %
<b>AC Current</b>	10A ac		±1.8 %
<b>Resistance</b>	40MΩ		±0.8 %
<b>DC Voltage</b>	1000V dc	1V	±0.5 %
<b>AC Voltage</b>	1000V ac		±0.8 %
<b>Capacitance</b>	1mF		±3 %
<b>Temperature</b>	+760 °C, +1400 °F		±3 %

### Electrical Specifications

<b>Battery Type</b>	9V
<b>Battery life</b>	150 hours(light off)
<b>Safety Category Voltage</b>	600V

## Mechanical Specifications

<b>Dimensions</b>	170 x75x 48mm
<b>Width</b>	48mm
<b>Length</b>	75mm
<b>Height</b>	170mm
<b>Weight</b>	386g

## Protection Category

<b>Safety Category Level</b>	CAT III, CAT IV
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## Approvals

<b>Declarations</b>	RoHS Certificate of Compliance
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## 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	