

## FEATURES

- User friendly interface
- True-RMS for excellent precision
- 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 with IP67 rating offering excellent protection and water resistance
- Built-in flashlight for low light environments
- Low Z setting ideal for eliminating "ghost voltage" errors

## RS PRO Digital Multimeters - RS-965 Handheld Digital Multimeter

RS Stock No.: 1469098



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 Digital Multimeter, True-RMS IP67 UKAS CAL

This heavy duty handheld digital multimeter from our own brand RS PRO features a variety of electronics measurement functions including AC Current, AC Voltage, Capacitance, DC Current, DC Voltage, Resistance and Temperature. The device features True-RMS for excellent precision when testing, with results clearly displayed via an oversized high contrast LCD display screen. Additional functions included such as low Z help to eliminate "ghost" voltages, whereas the MAX/MIN/AVG feature allows you to hold either the maximum, minimum or average reading, providing precise results. The multimeter is housed in a double molded enclosure with an IP67 rating, offering excellent protection with water resistant properties.

## General Specifications

<b>Model Number (p)</b>	RS-965
<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>Storage Temperature (Min to Max)</b>	41oF to 104oF (5oC to 40oC)
<b>Surge protection</b>	6kV peak per IEC 61010
<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 %
<b>AC Current</b>	10A ac		±1.2 %
<b>Resistance</b>	60MΩ		±1.2 %
<b>DC Voltage</b>	1000V dc	1V	±0.5 %
<b>AC Voltage</b>	1000V ac		±1 %
<b>Capacitance</b>	6mF		±3 %
<b>Temperature</b>	+760 °C, +1400 °F		±1.2 %
<b>Frequency</b>			

## Electrical Specifications

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

## Mechanical Specifications

<b>Dimensions</b>	74 x 45 x 170mm
<b>Width</b>	45mm
<b>Length</b>	74mm
<b>Height</b>	170mm
<b>Weight</b>	218g

## 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	