

FEATURES

- Large 50,000 count 320 x 240 TFT colour LCD display
- 20MHz/50MS/s bandwidth/Real time sample rate
- Logging function with Trend Capture for easy review of logged data
- 100kHz bandwidth (voltage/current)
- AC, AC+DC true-RMS measurements
- 0.025% DCV accuracy with Fully PC Calibration
- Saves measurements, records events and trends
- 20 Times/sec. A/D convert fast sampling time
- Peak capture (records transients as fast as 250µs)
- Min/Max/Average with Time stamp (records signal fluctuations)
- Moto winding and low ohm (50Ω) measurement range
- Low pass filter
- IP Rating 67 & CATIII 1000V/CATIV 600V
- Bluetooth interface to smartphone / PC
- Meterbox IMM & cloud service

RS PRO Digital Multimeters - HS608 MeterScope Handheld Digital Multimeter

RS Stock No.: 1445337



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 MeterScope

High performance Digital MeterScope will provide much more safe measurements with double modled housing and IP67 functions. The meterbox-iMM software can support our DMM product transferring the measured data to the customers' smartphone for data editing and sharing. Bluetooth PC interface for easy data transfer & accuracy calibration

General Specifications

Model Number (p)	HS608 MeterScope
Multimeter Type	Handheld
Functions Measured	AC Current, AC Voltage, Capacitance, DC Current, DC Voltage, Frequency, Resistance, Temperature
True RMS	Yes
Display Type	TFT LCD
Operating Temperature (Min to Max)	+5°C - +40°C
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 EN61010-1:2010 and EN61010-2-030:2010, EN61010-2-033:2012 to Category IV 600V and Category III 1000V
IO Interface	USB
Connectivity/Interface	Bluetooth

Measurement

Type	Absolute Maximum Measurement	Resolution	Best Accuracy
DC Current	10A dc	0.01μA	0.10%
AC Current	10A ac	0.01μA	0.60%
Resistance	50MΩ	1mΩ	0.05%
DC Voltage	1000V dc	0.001mV	0.03%
AC Voltage	1000V ac	0.001mV	0.50%
Capacitance	10mF	0.001nF	±2 %
Temperature	+1000 °C, +1832 °F	0.1°C	±1 %
Frequency			

Electrical Specifications

Battery Type	Li-Ion
Battery life	500 h
Safety Category Voltage	600 V, 1000 V

Mechanical Specifications

Dimensions	265 x 302 x 107mm
Width	2.9kg
Length	265mm
Height	302mm
Weight	631g

Protection Category

Safety Category Level	CAT III, CAT IV
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Approvals

Compliance/Certifications	IEC 61010
Declarations	RoHS Certificate of Compliance

Similar Products

Stock No.	Brand	Product Name	Multimeter Type	Functions Measured	Digit Resolution
124-0228	RS PRO	IDM8342 Bench Digital Multimeter	Bench	AC Current, AC Voltage, Capacitance, Continuity, DC Current, DC Voltage, Diode Test, 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	