

FEATURES

- Large 6000 count OLED display
- Logging function with Trend Capture for easy review of logged data
- Bluetooth interface for easy data transfer
- 2kHz bandwidth(voltage/current)
- AC, ACV+DCV True-RMS measurement
- Record events and trends
- Save measurements
- Peak Hold
- Min/Max/Average with Time Stamp
- 4-20ma process loop measurements with %reading
- Battery capacity indication
- Flexible Current test
- Date indication
- Meterbox pro & cloud service

RS PRO Digital Multimeter

RS Stock No.: 204-8304



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

The wirelessly transmits data to mobile app allowing you to view, save, Multimeter organize, share recordings and take measurements from a safe distance. Functions include AC/DC voltage and current, resistance, continuity, capacitance, frequency, duty cycle, temperature, diode test and current rang for external flex clamp. True RMS readings provide accurate AC measurements. This meter is fully tested and calibrated and, with proper use, will provide many years of reliable service.

General Specifications

Model Number (p)	RS-9968BT
Multimeter Type	Digital
Functions Measured	Voltage, Current, Resistance, Temperature, Capacity, Frequency, Duty Cycle, Continuity,
True RMS	YES
Connectivity/Interface	Bluetooth
Display Type	OLED
Digit Resolution	4-5/6
Bar graph	61 segments
Operating Temperature (Min to Max)	0°C to 40°C(32°F to 104°F) at < 70% relative humidity
Storage Temperature (Min to Max)	-10°C to 60°C(-4°F to 140°F) at < 80% relative humidity
Surge protection	Yes
Diode Test	Yes
Continuity Test	Yes
Auto power off	Yes
Resolution	
Accuracy	
Insulation	Class 2, Double Insulation
Maximum Reading Rate	3 rdgs/s
Memory Capacity	4,000 rdgs
IO Interface	
Connectivity/Interface	Bluetooth

Digital Multimeters

Measurement

Type	Absolute Maximum Measurement	Resolution	Best Accuracy
DC Current	10A	0.1uA	±1.8 %+5
AC Current	10A	0.1uA	±2.0 %+5
Resistance	60MΩ	0.1 Ω	±1 %+5
DC Voltage	1000V	100mV	±0.9%+4
AC Voltage	1000V	100mV	±1.0 %+40
Capacitance	60mF	0.01nF	±2.0 %+10
Temperature	-20°C to 1000°C	0.1°C	± 1.5 °C+3°C
Frequency	10MHz	0.01Hz	±0.5 %+4

Electrical Specifications

Operating Voltage

Battery Type	9V
Battery life	
Plug Type	
Safety Category Voltage	The voltage that the device is safety rated for /CAT III 1000V, CAT IV 600V

Mechanical Specifications

Dimensions 170mm x 79mm x50mm

Width	170mm
Length	79mm
Height	50mm
Weight	342g

Protection Category

Safety Category Level CAT II, III, IV

Additional Information

EAN

Custom Tariff Number 9030311000

Classification*eCl@ss Version**UNSPSC Version***Approvals****Compliance/Certifications** CE*Declarations***Hazardous Area Certification**