

FEATURES

- Compact slim line design multimeter
- 3400 Counts LCD display with bargraph
- Autoranging
- Auto power off
- Overload protection
- 5 functions / 16 ranges
- Selectable manual / autoranging
- Integral test probes stow away neatly behind hinged back panel
- Conforms to EN61010-1 (safety rating) CAT III 300 V, CAT II 600 V
- CE, UL approved
- Resistance: 340 Ω , 3.4 k Ω , 34 k Ω , 340 k Ω , 3.4 M Ω , 34 M Ω \pm 2%
- DC Volts: 340 mV, 3.4 V, 34 V, 340 V, 600 V \pm 2%
- AC Volts: 3.4 V, 34 V, 340 V, 600 V \pm 4% (50- 60 Hz)
- Diode Test
- Continuity Test
- DATA Hold
- Resolution: 0.1 mV, 0.1 Ω
- Dimensions: 125 mm (H) x 60 mm (W) x 24 mm (D)
- Weight: Approx. 110 g

RS PRO Digital Multimeters- IDM19 Handheld Digital Multimeter

RS Stock No.: 123-1803



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 IDM19 Pocket Digital Multimeter

RS PRO IDM19 pocket digital multimeter suitable for troubleshooting electrical and electronics problems and for measuring values like voltage, resistance and a tester for diode and continuity. This meter has an LCD display where the measurement readouts can be viewed. The instrument defaults to autorange mode when you turn it on which means this device selects the best range automatically.

General Specifications

Model Number (p)	IDM19
Multimeter Type	Handheld
Functions Measured	AC Voltage, Continuity, DC Voltage, Diode, Resistance
True RMS	No
Display Type	LCD
Bar graph	34 segments
Operating Temperature (Min to Max)	0°C to +40°C
Storage Temperature (Min to Max)	-20°C to +60°C, 0% RH to 80% RH (batteries not fitted)
Diode Test	Yes
Continuity Test	Yes
Auto power off	Yes, Approx. 10 minutes after last operation
Accuracy	0.015% DCV accuracy
Maximum Reading	3400

Measurement

Type	Absolute Maximum Measurement	Resolution	Best Accuracy
Resistance	34MΩ	100mΩ	±2% + 4 Digits
DC Voltage	600V dc	0.1mV dc	±2% + 2 Digits
AC Voltage	600V ac	1mV ac	±4% + 5 Digits
Frequency	60Hz		

Electrical Specifications

Battery Type	LR44
Battery life	70 h
Safety Category Voltage	300V

Mechanical Specifications

Dimensions	125 x 60 x 22mm
Width	60mm
Length	125mm
Height	22mm
Weight	110g

Protection Category

Safety Category Level	CAT III
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Approvals

Compliance/Certifications	IEC61010-1 (EN61010-1), Rev-2; CATII 600V, CATIII 300V, Pollution Degree 2 EMC: Conforms to EN61326.
Declarations	RoHS Certificate of Compliance

Similar Products

Stock No.	Brand	Product Name	Multimeter Type	Functions Measured	Digit Resolution
144-5348	RS PRO	HS608 MeterScope Handheld Digital Multimeter With RSCAL calibration	Handheld	AC Current, AC Voltage, Capacitance, Conductance, DC Current, DC Voltage, Diode, Frequency, Resistance, RMS, Temperature	
124-0228		IDM8342 Bench Digital Multimeter	Bench	AC Current, AC Voltage, Capacitance, Continuity, DC Current, DC Voltage, Diode Test, Frequency, Resistance, Temperature	