

## FEATURES

- Handy and compact housing
- Large-scale display
- 6000 display count
- DCA  $\mu$ A
- Data Hold
- Min / Max function
- Frequency Counter
- Capacitance Measurement
- Auto Power Off
- Shock resistant (1 m drop)
- Protective Holster with tilt stand and lead storage

# RS PRO Digital Multimeters - IDM71 Handheld Digital Multimeter

RS Stock No.: 1233239



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 IDM71 Digital Multimeter

IDM71 are compact, rugged and high performing digital multimeters. These handheld devices can measure capacitance, voltage, electrical current and resistance with diode and continuity check. This meter has an LCD display where the measurement readouts can be viewed. The highest measuring category allows measurements direct at the source of the low voltage installation. Features optical interface for transmitting measuring results to PCs.

RS PRO have a great range of meters that are RS approved meaning that they are great value for money and high quality you can rely on.

## General Specifications

<b>Model Number (p)</b>	IDM71
<b>Multimeter Type</b>	Handheld
<b>True RMS</b>	Yes
<b>Display Type</b>	LCD
<b>Operating Temperature (Min to Max)</b>	0°C - +50°C
<b>Storage Temperature (Min to Max)</b>	-40°C to 70°C
<b>Diode Test</b>	Yes
<b>Continuity Test</b>	Yes
<b>Auto power off</b>	Yes / If the meter idles for more than 10 minutes, the meter automatically turns the power off.
<b>Insulation</b>	Double Insulation protection against electric shock.

## Measurement

Type	Absolute Maximum Measurement	Resolution	Best Accuracy
<b>DC Current</b>	6mA ac	0.1mV dc	±1% + 2 Digits
<b>AC Current</b>	6mA dc	0.1mV ac	±1.5% + 5 Digits
<b>Resistance</b>	60MΩ	100mΩ	±0.7% + 2 Digits
<b>DC Voltage</b>	1000V dc	0.1μA	±0.5% + 2 Digits
<b>AC Voltage</b>	750V ac		±0.9% + 5 Digits
<b>Capacitance</b>	6mF	1pF	±1.9% + 8 Digits

## Electrical Specifications

<b>Battery Type</b>	AAA 1.5 V, AM4, IEC LR03
<b>Battery life</b>	300 h
<b>Safety Category Voltage</b>	600 V, 1000 V

## Mechanical Specifications

<b>Dimensions</b>	82 x 44 x 164mm
<b>Width</b>	44mm
<b>Length</b>	82mm
<b>Height</b>	164mm
<b>Weight</b>	400g

## Protection Category

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

<b>Compliance/Certifications</b>	IEC 61010-1 (2001) , EN 61010-1 (2001), UL 3111-1 (Jan.1994) , CSA C22.2 NO.1010-1-92 +A2: Feb. 1997
<b>Declarations</b>	RoHS Certificate of Compliance

## 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	