

## FEATURES

- Display: 6000 Counts
- Electrical Specifications:
- AC Function: AC V and AC A specifications are ac coupled, true RMS
- Crest factor may be up to 3.0 as 4000 Counts
- AC-DC Voltage up to 1000 V
- AC-DC Current up to 10 A
- Resistance
- Continuity
- Diode
- Capacitance up to 10 mF
- Temperature up to 400°C
- Frequency up to 100 kHz
- Peak Hold
- VoltSense™
- Low batteries indication
- Pollution Degree: 2
- Dimensions (W x H x D): 74 x 156 x 44 mm

# RS PRO Digital Multimeters- IDM66RT Handheld Digital Multimeter

RS Stock No.: 123-3253



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 IDM66RT Digital Multimeter

RS PRO IDM66RT Digital Multimeter is a handheld device which 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 and, offers precision, reliability and ease of use.

## General Specifications

Model Number (p)	IDM66RT
Multimeter Type	Handheld
Functions Measured	AC Current, AC Voltage, Capacitance, DC Current, DC Voltage, Frequency, Resistance, Temperature
True RMS	Yes
Display Type	LCD
Operating Temperature (Min to Max)	-10°C to +50°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

## Measurement

Type	Absolute Maximum Measurement	Resolution	Best Accuracy
DC Current	10A dc	0.001A	±1% + 2 Digits
AC Current	10A dc	0.001A	±1.5% + 5 Digits
Resistance	40MΩ	100mΩ	±0.8% + 2 Digits
DC Voltage	1000V dc	0.01mV dc	±0.5% + 2 Digits
AC Voltage	1000V ac	1mV ac	±1% + 5 Digits
Capacitance	10mF	0.01nF	±1.9% + 8 Digits
Temperature	+400 °C, +752 °F	0.1 °C, 0.1 °F	±1 % + 10 Digits
Frequency	500Hz		

## Electrical Specifications

Battery Type	AAA 1.5 V, AM4, IEC LR03
Battery life	300 h
Safety Category Voltage	600V

## Mechanical Specifications

<b>Dimensions</b>	74 x 44 x 156mm
<b>Width</b>	44mm
<b>Length</b>	74mm
<b>Height</b>	156mm
<b>Weight</b>	250 (With Battery)g

## Protection Category

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

<b>Compliance/Certifications</b>	IEC
<b>Declarations</b>	RoHS Certificate of Compliance

## Similar Products

Stock No.	Brand	Product Name	Multimeter Type	Functions Measured	Digit Resolution
124-2010	RS PRO	IDM505 Handheld Digital Multimeter With RSCAL calibration	Handheld	AC Current, AC Voltage, Capacitance, Continuity, DC Current, DC Voltage, Diode, Duty Cycle, Frequency, Resistance, Temperature	
161-1629	RS PRO	Handheld Digital Multimeter	Handheld	AC Current, AC Voltage, Capacitance, DC Current, DC Voltage, Frequency, Resistance	