

FEATURES

- 2000 display count LCD backlit display with annunciators
- 9 functions / 39 ranges
- Fully autoranging with manual override
- MIN/MAX and display HOLD functions
- Measures up to 600 V with protection against 600 V input on resistance ranges
- Current ranges fully fuse protected
- Test lead storage compartment provided in the top of the case
- AC-DC dual power sources
- Side strap allows the unit to be carried with one hand when used away from the bench
- Can also be transported via the neck strap
- Mains operation or battery powered
- Power Requirement: AC; 90 V → 264 V, 50/60 Hz, <10 V A, DC; 1.5 V AA LR6 battery x 6 (not supplied)
- Complies with: IEC 61010-1 CAT III 300 V, CAT II 600 V
- Dimensions: 218 mm (W) x 195 mm (L) x 73 mm (H)
- Weight: 1.3 kg

RS PRO Digital Multimeters - IDM201 Bench Digital Multimeter

RS Stock No.: 1233219



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 IDM 201N Bench Multimeter

RS PRO IDM 201N multimeter is a versatile and portable bench-type measurement instrument. These meters can measure capacitance, voltage, electrical current, frequency, resistance, diode check and continuity test. Suitable for the workshop and laboratory-based engineers and technicians, as well as field service engineers who require a self-powered instrument for maintenance, test or repair activities.

The instrument can be powered from an ac mains supply between 90 V ac and 263 V ac or by internal batteries as required. An integral compartment provides storage space for test leads, spare batteries and fuses. The instrument uses a 3 digit (2000 Count) backlit LCD display with annunciators, polarity and automatic decimal point placement. The auto-range function can be disabled for convenience and maximum/minimum and data-hold functions can also be selected if necessary.

RS PRO range of handheld and bench digital multimeters are RS approved meaning that they are great value for money and high quality you can rely on.

General Specifications

Model Number (p)	IDM201
Multimeter Type	Bench
Functions Measured	AC Current, AC Voltage, Capacitance, DC Current, DC Voltage, Frequency, Resistance
True RMS	Yes
Display Type	LCD
Operating Temperature (Min to Max)	0°C - +50°C
Storage Temperature (Min to Max)	-30°C~70°C
Diode Test	Yes
Continuity Test	Yes
Auto power off	Yes Approx. 10 minutes after last operation
Insulation	Yes

Measurement

Type	Absolute Maximum Measurement	Resolution	Best Accuracy
DC Current	10A dc	0.1µA	±1% + 2 Digits
AC Current	10A ac	0.1µA	±1.5% + 5 Digits
Resistance	20MΩ	100mΩ	±0.7% + 3 Digits
DC Voltage	600V dc	100µV dc	±0.5% + 2 Digits
AC Voltage	600V ac	100µV ac	±1.5% + 5 Digits
Capacitance	2mF	1pF	±1.9% + 8 Digits
Frequency	20MHz		

Electrical Specifications

Battery Type	AM3, 1.5 V AA LR6
Battery life	1200 h
Plug Type	One UK-style mains / One Schuko style mains
Safety Category Voltage	300 V, 600 V

Mechanical Specifications

Dimensions	195 x 218 x 73mm
Width	218mm
Length	195mm
Height	73mm
Weight	1.3 (Without Power Cord)kg

Protection Category

Safety Category Level	CAT II, CAT III
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Approvals

Compliance/Certifications	EN (IEC) 61010-1:2001 specifications
Declarations	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	