

FEATURES

- Auto Power Off
- Relative, and Data Hold
- Built-in storage compartment for intergrated test leads
- Over-range and low battery indication
- AC True RMS
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RS PRO Digital Multimeters

RS Stock No.: 2412777



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

2412777 is a handheld digital Meter with Fork Clamp. It could be used in family, school, lab and other circumstance, where current and voltage measurement is required. The series consists of the following models All models measure:

- ☐ AC/DC Voltage
- ☐ AC/DC Current
- ☐ Resistance
- ☐ Frequency
- ☐ Continuity
- ☐ Diode
- ☐ CAPACITANCE

The Digital AC/DC Current fork meter features:

- ☐ Auto Power OFF
- ☐ Data Hold

General Specifications

Model Number (p)	2412777
Multimeter Type	Digital/ Handheld
Functions Measured	AC/DC Voltage AC/DC Current Frequency, Resistance, Diode Test
True RMS	YES
Connectivity/Interface	
Display Type	LCD
Digit Resolution	6000 counts
Bar graph	
Operating Temperature (Min to Max)	41oF to 104oF (5oC to 40oC)
Storage Temperature (Min to Max)	-4oF to 140oF (-20oC to 60oC)
Clamp jaw opening	0.24" (6mm) approx
Diode Test	Yes
Continuity Test	Yes
Auto power off	After approx. 15 minutes
Resolution	
Accuracy	
Insulation	
Maximum Reading Rate	3 readings per second, nominal
Memory Capacity	
IO Interface	
Connectivity/Interface	

Measurement

Type	Absolute Maximum Measurement	Resolution	Best Accuracy
DC Current	100.0A	0.1A	+3.0% of rdg + 5digits
AC Current	100.0A	0.1A	+3.0% of rdg + 5digits
Resistance	60.00 MΩ	10kΩ	+3% of rdg + 8digits
DC Voltage	600.0V	100mV	+1.5% of rdg + 5digits
AC Voltage	600.0V	100mV	+1.5% of rdg + 5digits
Capacitance	99.99mF	0.01mF	□(5% reading + 5 digits)
Temperature			± 1.5 °C
Frequency	9.999MHz	0.001MHz	□(1.0% reading + 5 digits)

Electrical Specifications

Operating Voltage	250V
Battery Type	2 X AA
Battery life	The lifetime of the battery in normal usage
Plug Type	Europe Mains;
Safety Category Voltage	The voltage that the device is safety rated for / CAT III 300V , CAT II 600V,

Mechanical Specifications

Dimensions	126mm x 59mm x 32mm
Width	126MM
Length	59MM
Height	32MM
Weight	124g

Protection Category

Safety Category Level	
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Additional Information

EAN	
Custom Tariff Number	

Classification

eCl@ss Version	
UNSPSC Version	

Approvals

Compliance/Certifications	CE
Declarations	
Hazardous Area Certification	

Similar Products

Stock No.	Brand	Product Name	Multimeter Type	Functions Measured	Digit Resolution
XXX-XXXX					
XXX-XXXX					

Physical Test leads, Wallet style case and one 1.5V L44 button battery, 1.5V x 3 AAA Dimensions / Connection Diagram / Accessories Included