RS PRO

Features

- Max. Display 5999
- Auto/Manual Range
- NCV Function
- RMS Measurement
- Relative Measurement
- Back Light
- Data hold
- Continuity Test
- Low Power Indication
- Auto Power Off
- Low Battery Detect
- Power: Battery 6F22 (9V)X1
- 190 x 90 x 40mm (7.48 x 3.54 x 1.57 inch)
- Weight: ~500g (including battery) (17.63 Ounces)

RS PRO Digital Multimeters

RS Stock No.: 296637

RS PRO is the own brand of RS. The RS PRO Seal of Approval is your assurance of professional quality, a guarantee that every part is rigorously tested, inspected, and audited against demanding standards. Making RS PRO the Smart Choice for our customers.

Digital Multimeters

Product Description

296637 CATIV Safety TRMS Digital Multimeter series is a handheld device which can voltage, electrical current, resistance and continuity. Can also measure capacitance, diode and temperature with features a NCV (Non-contact voltage) along-with option of plug and play USB for connection with PC (only in 296637).

CE ROHS WEEE COMPLIANT AAAx3

General Specifications

Function	Value
DC Voltage	600mV±0.5%,6/60/600V±0.8%,1000V±1.0%
AC Voltage	600mV/6V/60V/600V±1.0%,1000V±1.5%
DC Current	600μA/6000μA/60mA/600mA/6A/10A±1.5%
AC Current	600μA/6000μA/60mA/600mA±1.5%,6A/10A±3%
Resistance	600Ω/6KΩ/60KΩ/600KΩ/6MΩ±0.5%,60Ω±1.5%
Capacitance	60nF±3%,600nF/6μF/60μF/600μF/6mF±5% (60mF)
Logic Frequency	10 Hz ~ 1MHz ±(0.1%+3)
Linear Frequency	6 Hz ~ 10KHz ±(0.05%+8)
Frequency	10 Hz ~ 1MHz ±(0.1%+3)
Temperature	1-55°C~0°C ±5.0% (-67°F~32°F), 0°C~1000°C±2.0% (32°F~1832F)

Digital Multimeters

RS PRO

Pocket Multimeter Selection Guide

	296637
Auto Range	ACV/DCV/Resistance/Continuity/Diode/Temperature/ NCV/mA/A
DC Voltage	2V/20V/200V/600V±(0.5%＋3)
AC Voltage	2V/20V/200V/600V±(1.0%＋3)
DC Current	20mA/200mA/1A±(1.0%＋3)
AC Current	20mA/200mA/1A±(1.5%＋3)
Current Plug-in Detect	Yes

Panel and Constructure

① LCD display
   Used for displaying the measuring results and various symbols.
② Keypad
   Measurement function keys.
③ Rotary switch
   Used for selecting measurement functions.
④ V↓Ω ⊣⊦Hz
   Terminal receiving the red test lead for voltage, resistance, capacitance, frequency, Temperature, diode and continuity measurements.
⑤ uA/mA
   Terminal receiving the red test lead for µ A, mA measurements.
⑥ A
   Terminal receiving the red test lead for 6A,10A measurements.
⑦ COM
   Terminal receiving the black test lead as a common reference.

RS PRO

LCD and Symbol
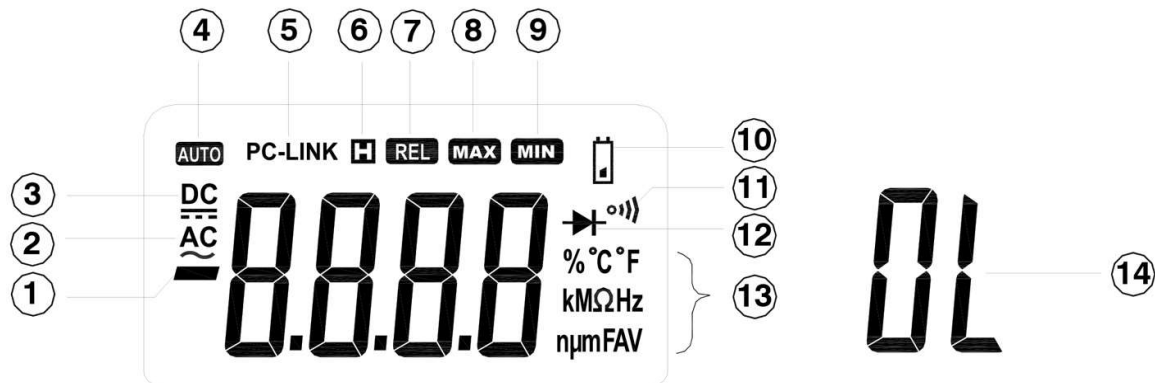
No.	Symbol	Meaning
1	▬	Indicates negative readings
2	AC	Indicator for AC voltage or current
3	DC	Indicator for DC voltage or current
4	AUTO	The meter is in the Autorange mode in which the meter automatically selects the range with the best resolution.
5	PC-LINK	The Meter is in the data transmission mode.
6	H	The meter is in Data Hold mode.
7	REL	The meter is in Relative Measurement mode.
8	MAX	Display maximum data
9	MIN	Display minimum data
10	🔋	Low battery indication
11	◦)))	The meter is in Continuity Check mode.
12	➤⊢	The meter is in Diode Test mode.
13	%°C°F KMΩHz nμmFAV	Measurement units
14	OL	This symbol means that the input is too large for the selected range.

Contents

L190 x W90 x D42mm
L7.5''x W3.5''x D1.7''
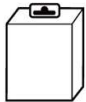412g/ 0.91lb

Battery 9V
6F22 x 1

Test Leads
K-type Thermocouple
Battery

Accessories
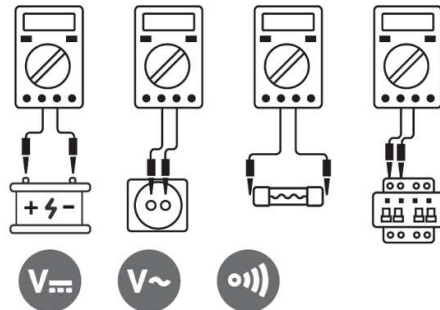
User
Manual

Packaging Information

Color Box
L 163 X W 66 X H 233mm
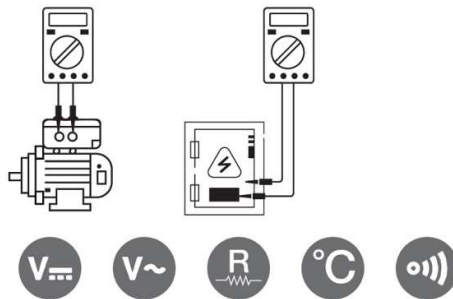
Main Applications
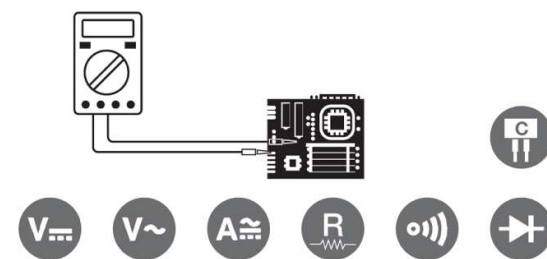
Order Details

Stock No.	Brand	Product Name	Multimeter Type	Functions Measured	Digit Resolution
296637	RS Pro	Digital Multimeters	Handheld	Auto Range, 1000V AC/DC, 10A AC/DC, Ω, CAP, Hz, ⁰C, USB	-