

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.: 296625



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.

Product Description

296625 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) .



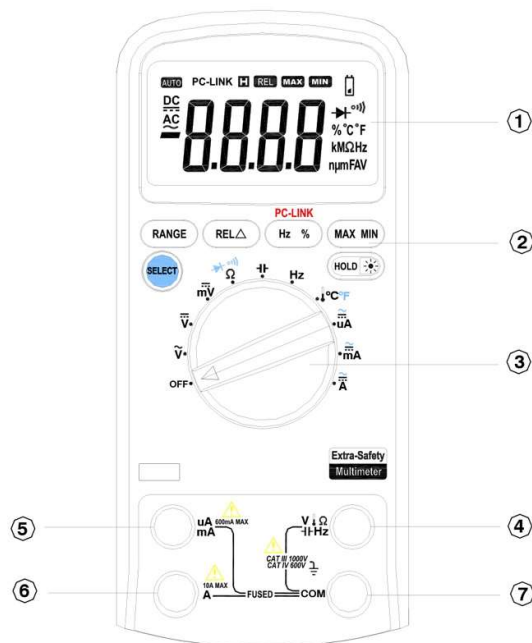
General Specifications

Function	Value
DC Voltage	600mV $\pm$ 0.5%, 6/60/600V $\pm$ 0.8%, 1000V $\pm$ 1.0%
AC Voltage	600mV/6V/60V/600V $\pm$ 1.0%, 1000V $\pm$ 1.5%
DC Current	600 μ A/6000 μ A/60mA/600mA/6A/10A $\pm$ 1.5%
AC Current	600 μ A/6000 μ A/60mA/600mA $\pm$ 1.5%, 6A/10A $\pm$ 3%
Resistance	600 Ω /6K Ω /60K Ω /600K Ω /6M Ω $\pm$ 0.5%, 60 Ω $\pm$ 1.5%
Capacitance	60nF $\pm$ 3%, 600nF/6 μ F/60 μ F/600 μ F/6mF $\pm$ 5% (60mF)
Logic Frequency	10 Hz ~ 1MHz $\pm$ (0.1%+3)
Linear Frequency	6 Hz ~ 10KHz $\pm$ (0.05%+8)
Frequency	10 Hz ~ 1MHz $\pm$ (0.1%+3)
Temperature	1-55 $^{\circ}$ C~0 $^{\circ}$ C $\pm$ 5.0% (-67 $^{\circ}$ F~32 $^{\circ}$ F), 0 $^{\circ}$ C~1000 $^{\circ}$ C $\pm$ 2.0% (32 $^{\circ}$ F~1832F)

Pocket Multimeter Selection Guide

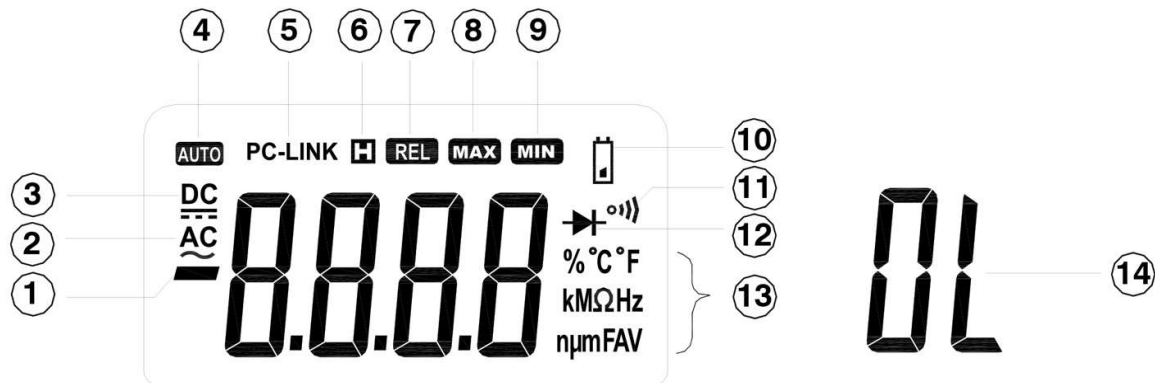
	296625
Auto Range	ACV/DCV/Resistance/Continuity/Diode/Temperature/ NCV/mA/A
DC Voltage	2V/20V/200V/600V $\pm$ (0.5%+3)
AC Voltage	2V/20V/200V/600V $\pm$ (1.0%+3)
DC Current	20mA/200mA/1A $\pm$ (1.0%+3)
AC Current	20mA/200mA/1A $\pm$ (1.5%+3)
Current Plug-in Detect	Yes

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 $V \sim \Omega$
Terminal receiving the red test lead for voltage, resistance, capacitance, frequency, Temperature, diode and continuity measurements.
- ⑤ $\mu A/mA$
Terminal receiving the red test lead for μA , 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.

LCD and Symbol



No.	Symbol	Meaning
1		Indicates negative readings
2		Indicator for AC voltage or current
3		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



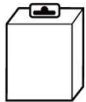
Accessories

Test Leads
K-type Thermocouple
Battery



User
Manual

Packaging Information

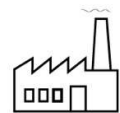
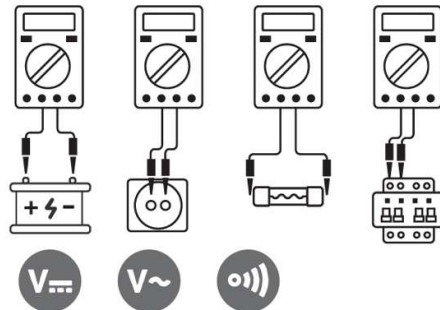


Color Box
L 163 X W 66 X H 233mm

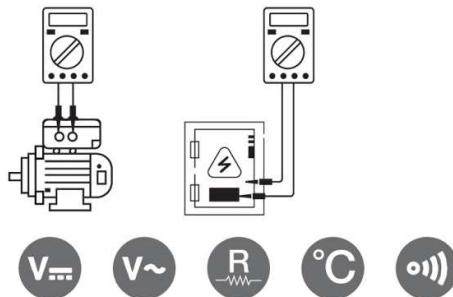
Main Applications



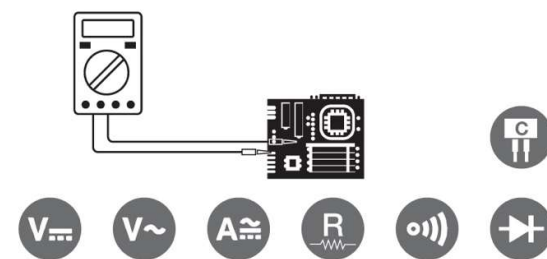
Domestic



Industrial



Electronics



Order Details

Stock No.	Brand	Product Name	Multimeter Type	Functions Measured	Digit Resolution
296625	RS Pro	Digital Multimeters	Handheld	Auto Range, 1000V AC/DC, 10A AC/DC, Ω , CAP, Hz, $^{\circ}\text{C}$	-