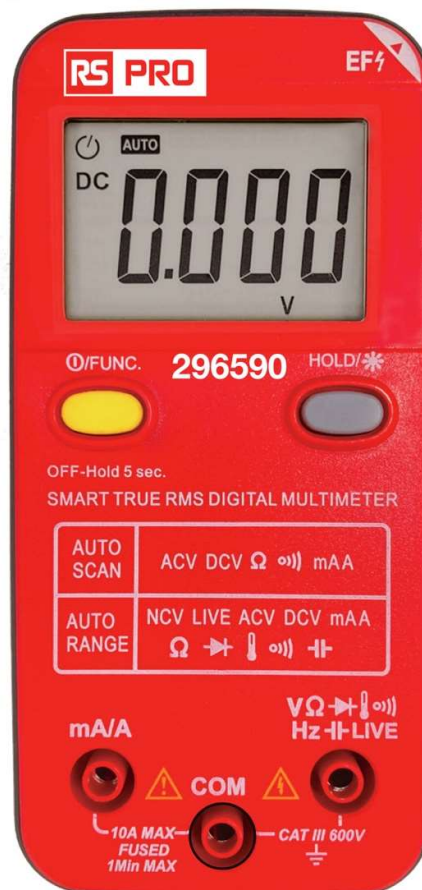


Features

- 3999 Counts Smart Multimeter
- Voltage Measurement up to 600V AC/ DC
- Current Measurement up to 10A AC/ DC (Model Dependent)
- Resistance Measurement up to 40MΩ
- Non-contact Voltage Detect (NCV)
- LIVE Test
- Mis-plug Alarm
- LIVE Test
- Diode Test
- Continuity & Buzzer Indication
- Auto Hold/Power Off
- Overload Protection
- Low Battery Indication
- Backlight/ Torch
- Battery 1.5V AAA x 2/ Li-battery (Model Dependent)

RS PRO Digital Multimeters

RS Stock No.: 296590



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

296590 Pocket Size **Smart** Digital Multimeter series is a handheld device which can auto scan voltage, electrical current, resistance and continuity. Can also measure capacitance, diode and temperature with features a torch and NCV (Non-contact voltage). **296590** TRMS digital multimeter that ensures accurate results even when testing on irregular AC circuits.



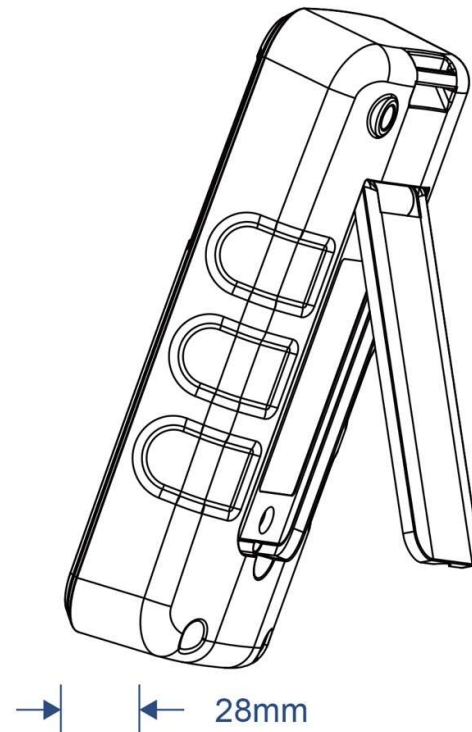
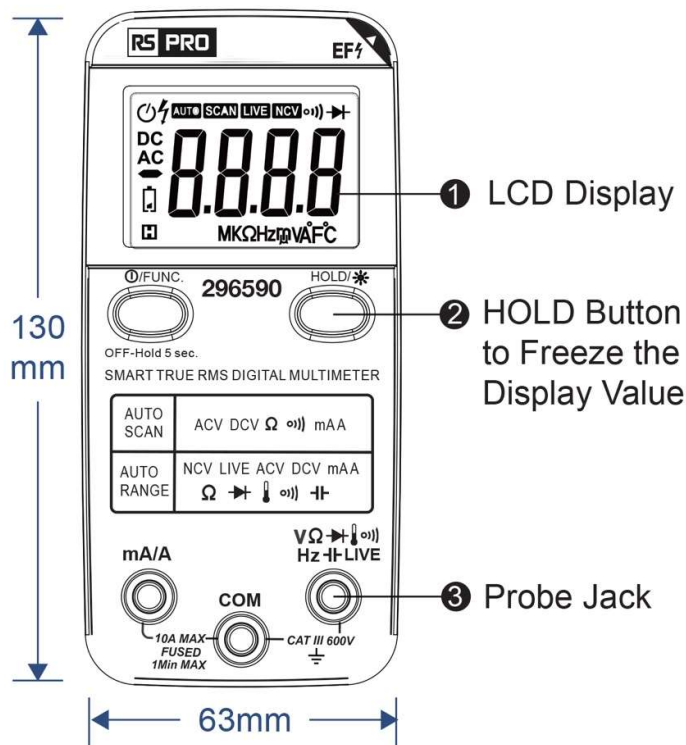
General Specifications

Function	Value
Electrical protection class	CAT III 600 V
Pollution degree	2
Operating altitude	< 2000 m
Operating temperature/ humidity	0~40°C, 32°F~104°F (<80% RH, <10°C non-condensing)
Storage temperature/ humidity	-10~60°C, 14°F~140°F (<70% RH, battery removed)
Typical temperature coefficient	0.1 x (specified accuracy) / °C (<18°C or >28°C)
Low battery indicator	The "Low Battery Indicator" is displayed when the battery is under the proper operation range
EMC	EN 61326-1
Safety LVD	EN 61010-1 EN 61010-031 EN 61010-033
Fuse	1A model:F 1A/ 600V ø6x30 (Quick Acting) 10A model:F 10A/ 600V ø6x30 (Quick Acting)
Power supply	AAA x 2 Pieces
Dimension/ weight	130(L) x 63(W) x 28(H) mm/ Approx 120g (without battery)

Pocket Multimeter Selection Guide

	296590
Auto Range	ACV/ DCV/ Resistance/ Continuity/ Diode/ Temperature/ Capacitance/ NCV/ LIVE/ mA/ A
Auto Scan	V/ R/ CONT/ A
DC Voltage	4V/ 40V/ 400V/ 600V
AC Voltage	4V/ 40V/ 400V/ 600V
DC Current	4000mA/ 10A $\pm$ (1.0%+3)
AC Current	4000mA/ 10A $\pm$ (1.0%+3)
Resistance	400 Ω / 4k Ω / 40k Ω / 400k Ω / 4M Ω / 40M Ω
Capacitance	4nF/ 40nF/ 400nF/ 4 μ F/ 40 μ F/ 400 μ F/ 4mF
Frequency	40Hz/ 400Hz/ 4kHz
Temperature	-200°C~1200°C $\pm$ (2.0%+3)
Display Counts	3999
LCD Size	44*30 mm
Safety Rating	CAT III 600V
Power	1.5V battery (AAA) x 2
Size	130 x 63 x 28 mm
Weight	~120g (without battery)

Panel and Constructure



LCD and Symbol



- Display/ char. height: 7-segment characters/ 17 mm
- Number of digits: 33/4 / 1999 steps
- Overflow display: "OL" is displayed
- Polarity display: "-" (minus sign) is displayed if plus pole is connected to "1"
- Sample rate: 3 times/ sec for digital data

Contents



L130 x W63 x D28mm
L5.1''x W2.5''x D1.1''
138g/ 0.30lb



1.5V Battery
)AAA* x 2



Accessories

Test Leads
K-type Thermocouple
Battery



User
Manual

Packaging Information

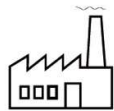
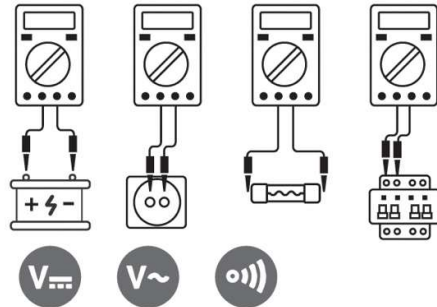


Box
L 153 X W 105 X H 40mm

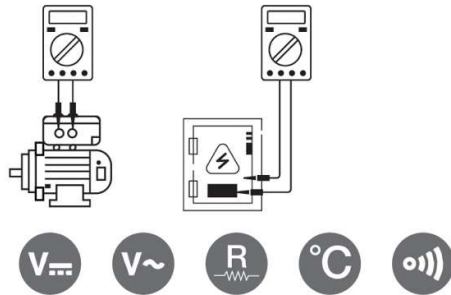
Main Applications



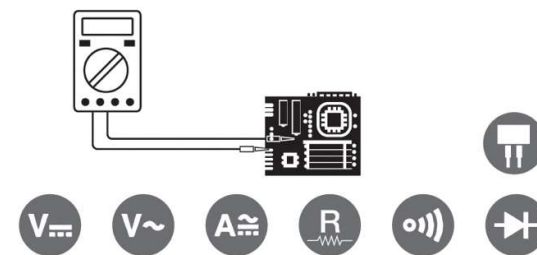
Domestic



Industrial



Electronics



Order Details

Stock No.	Brand	Product Name	Multimeter Type	Functions Measured	Digit Resolution
296590	RS Pro	Smart Pocket Size Digital Multimeters	Handheld	600V AC/DC, 10A AC/DC, Ω , CAP, Hz, $^{\circ}\text{C}$	-