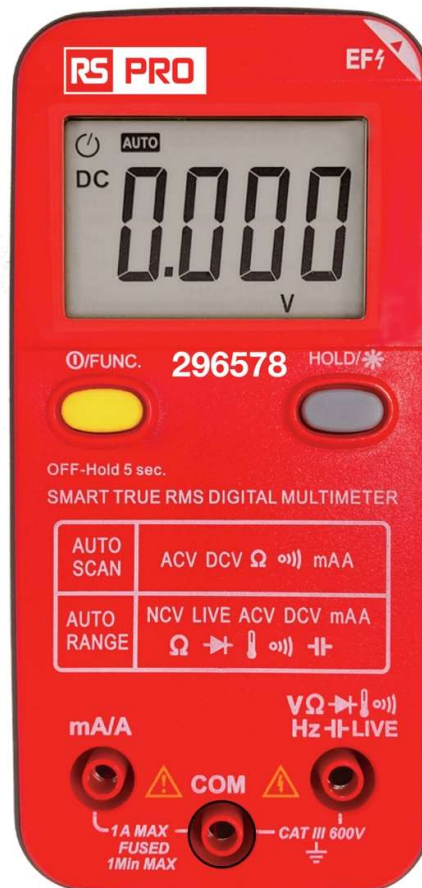**RS PRO**

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.: 296578

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.

RS PRO

Product Description

296578 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). **296578** TRMS digital multimeter that ensures accurate results even when testing on irregular AC circuits.
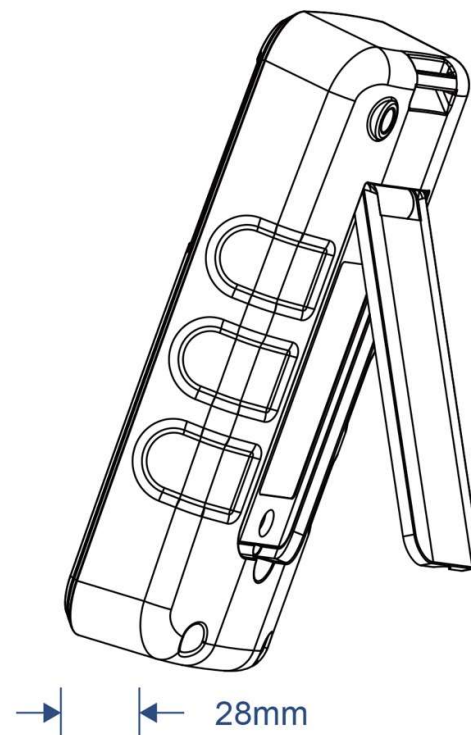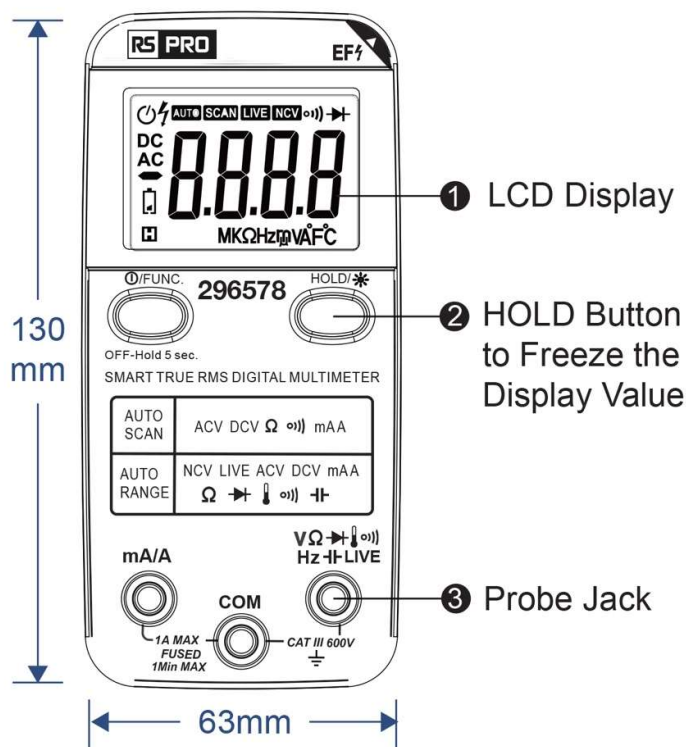

General Specifications

Function	Value
Electrical protection class	CAT Ⅲ 600 V
Pollution degree	2
Operating altitude	< 2000 m
Operating temperature/ humidity	0~40℃, 32℉~104℉ (<80% RH, <10℃ non-condensing)
Storage temperature/ humidity	-10~60℃, 14℉~140℉ (<70% RH, battery removed)
Typical temperature coefficient	0.1 x (specified accuracy) / ℃ (<18℃ or >28℃)
Low battery indicator	The "Low Battery Indicitor" 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 ∅6x30 (Quick Acting) 10A model:F 10A/ 600V ∅6x30 (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

	296578
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	40mA/ 400mA/ 1A±(1.0%＋3)
AC Current	40mA/ 400mA/ 1A±(1.0%＋3)
Resistance	400Ω/ 4kΩ/ 40kΩ/ 400kΩ/ 4MΩ/ 40MΩ
Capacitance	4nF/ 40nF/ 400nF/ 4µF/ 40µF/ 400µF/ 4mF
Frequency	40Hz/ 400Hz/ 4kHz
Temperature	-200°C~1200°C±(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)

Digital Multimeters

Panel and Constructure

❶ LCD Display

❷ HOLD Button to Freeze the Display Value

❸ Probe Jack

130 mm

63mm

28mm

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 "⊥"
- 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
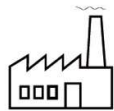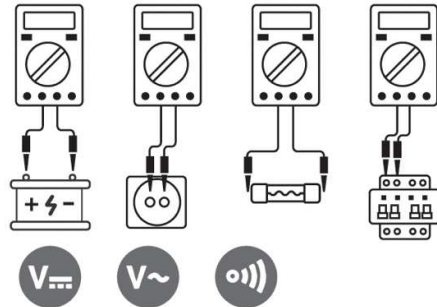Battery

User
Manual

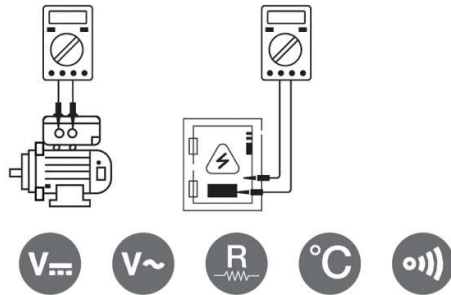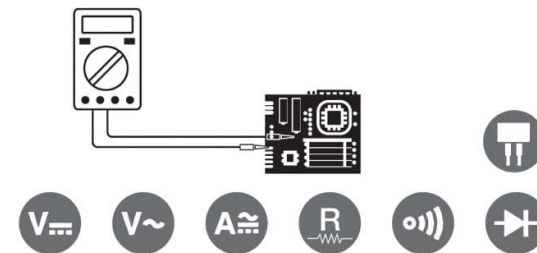## Packaging Information

Box
L 153 X W 105 X H 40mm

RS PRO

Main Applications

Order Details

Stock No.	Brand	Product Name	Multimeter Type	Functions Measured	Digit Resolution
296578	RS Pro	Smart Pocket Size Digital Multimeters	Handheld	600V AC/DC,1A AC/DC, Ω, CAP, Hz, ⁰C	-