

## Features

- The diameter of measured cable 42 mm
- True RMS Measurement
- Continuity Buzzer
- Relative Measurement
- Data Hold
- AC/DC Current measurement 1000A
- AC Voltage up to 700V AC
- DC Voltage up to 1000V DC
- Resistance measurement 400m $\Omega$  ... 40m $\Omega$
- Frequency measurement 5Hz..100KHz
- Max/ Min Measurement
- Diode test
- Bar Graph
- CAT III 600V
- CAT II 1000V

## RS PRO Clamp Meter

RS Stock No.: 296521



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

The **296521** is an auto-range professional clamp meter for measuring DC and AC voltage, AC current, Resistance, Frequency, Diode, and Continuity Test with battery operated. The unit is battery powered for portability and convenience.

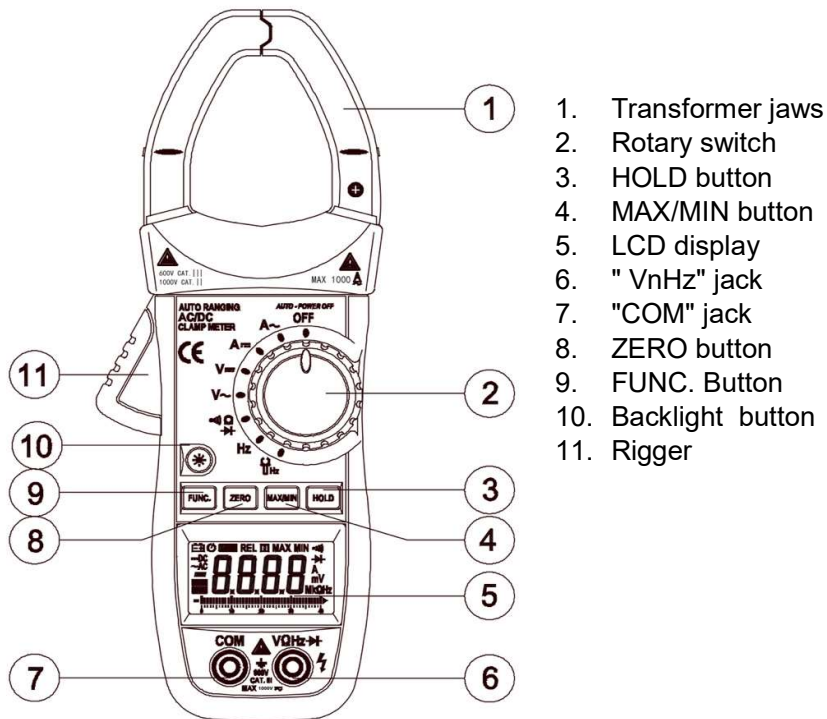
## General Specifications

Function	Value
Electrical protection class	CAT II 1000V and CAT III 600V
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 61010-032
Power supply	AAA x 3 Pieces
Dimension/ weight	225(L) x 82(W) x 28(H) mm/ Approx 260g (without battery)

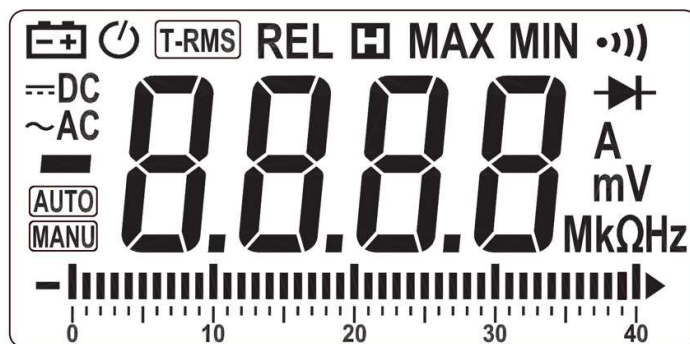
## Pocket Multimeter Selection Guide

	296521
DC Voltage	4V/ 40V/ 400V/ 1000V±(0.8%+5)
AC Voltage	4V/ 40V/ 400V/ 700V±(1.2%+5)
DC Current	400A/ 1000A±(3%+5)
AC Current	400A/ 1000A±(3%+8)
Resistance	Yes (40MΩ)
Frequency	40Hz/ 400Hz/ 4kHz/ 40kHz/ 400kHz/ 100Hz(0.1%+2)
Frequency from Clamp	40Hz~400Hz±(0.1%+1)
Max.Display	3999
LCD Size	44*23 mm
Max.Jaw Opening	Φ42mm

## Panel and Constructure



## LCD and Symbol



- Display/ char. height: 7-segment characters/ 23 mm
- Number of digits: 33/4 / 3999 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



L225 x W82 x D28mm  
L8.8"x W3.2"x D1.1"  
260g/ 0.57lb



Battery 1.5V  
)AAA\* x 3



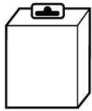
Accessories

Test Leads  
Carry Bag  
Battery



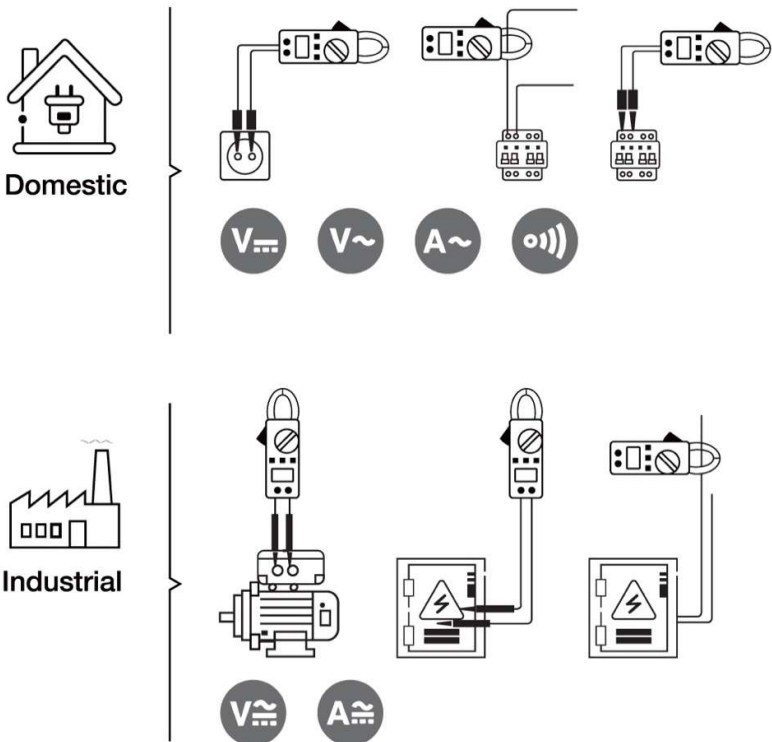
User  
Manual

## Packaging Information



**Color Box**  
L 139 X W 52 X H 255mm

Main Applications



Order Details

Stock No.	Brand	Product Name	Multimeter Type	Functions Measured	Digit Resolution
296521	RS Pro	Digital Clamp Meter	Handheld	Auto Range AC & DC with Bargraph, 1000V AC, 700V DC, 1000A AC/DC, $\Omega$ , Hz	-