

Features

- The diameter of measured cable 32 mm
- AC/DC Current measurement 400A
- AC/DC Voltage up to 600V AC/DC
- Resistance measurement 400m Ω ... 40m Ω
- Capacitance measurement 50 nF... 100uF
- Frequency measurement 10Hz..1MHz
- Continuity test and Diode test
- Hold,REL functions
- CAT III 600V
- NCV

RS PRO Clamp Meter

RS Stock No.: 296533



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 **296533** Digital small size Clamp Meter can measure AC/DC Current (clamp sense), AC/DC Voltage, Resistance, Capacitance, Continuity, Diodes, Frequency, Duty Cycle and so on. It's ideal tool for maintenance in field of household electrical appliances, auto , electrical engineering and teaching lab etc

General Specifications

Function	Value
Electrical protection class	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 2 Pieces
Dimension/ weight	175(L) x 60(W) x 30(H) mm/ Approx 148g (without battery)

Pocket Multimeter Selection Guide

	296533
DC Voltage	400mV/ 4V/ 40V / 400V $\pm(0.5\%+8)$ / 600V $\pm(1.5\%+15)$
AC Voltage	400mV $\pm(0.8\%+10)$ / 40V/ 400V $\pm(0.8\%+8)$ / 600V $\pm(1.5\%+15)$
DC Current	40A/400A (clamp sense) $\pm(2.5\%+10)$
AC Current	40A/400A (clamp sense) $\pm(2.5\%+10)$
Resistance	400 Ω /4k Ω /40k Ω /400k Ω /4M Ω /40M Ω
Capacitance	4nF/ 40nF/ 400nF/ 4 μ F/ 40 μ F/ 4000 μ F $\pm(3.5\%+20)$
Frequency	4Hz/ 40Hz/ 400Hz/ 4kHz/ 40kHz/ 400kHz/ 1MHz $\pm(0.1\%+4)$
Frequency from Clamp	40Hz~200Hz $\pm(0.1\%+1)$
Temperature	-200°C~1300°C (-328~237°F)
Max.Display	3999
LCD Size	34*20 mm
Max.Jaw Opening	Φ 32mm

Diagram of the True RMS Digital AC/DC Clamp Meter (Model 3000) with labels for its various components:

- Center mark
- Clamp jaws
- MAX 400A
- MAX $\varnothing 32\text{mm}$
- TRUE RMS
- DIGITAL AC/DC CLAMP
- Trigger
- Guard barrier
- Rotary function switch
- selection button
- Display
- Input Jack (-)
- COM
- CAT III 800V
- INPUT
- Input Jack (+)
- Hold / Backlight button
- AUTO POWER OFF
- SEL %
- RAN REL
- CE
- NCV
- 400A
- 40A
- Hz %
- F °C
- Ω
- V OFF

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Contents



L175 x W60 x D30mm
L6.9"x W2.4"x D1.2"
148g/ 0.33lb



Battery 1.5V
)AAA* x 2



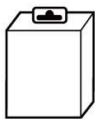
Accessories

Test Leads
K-type Thermocouple
Carry Bag
Battery



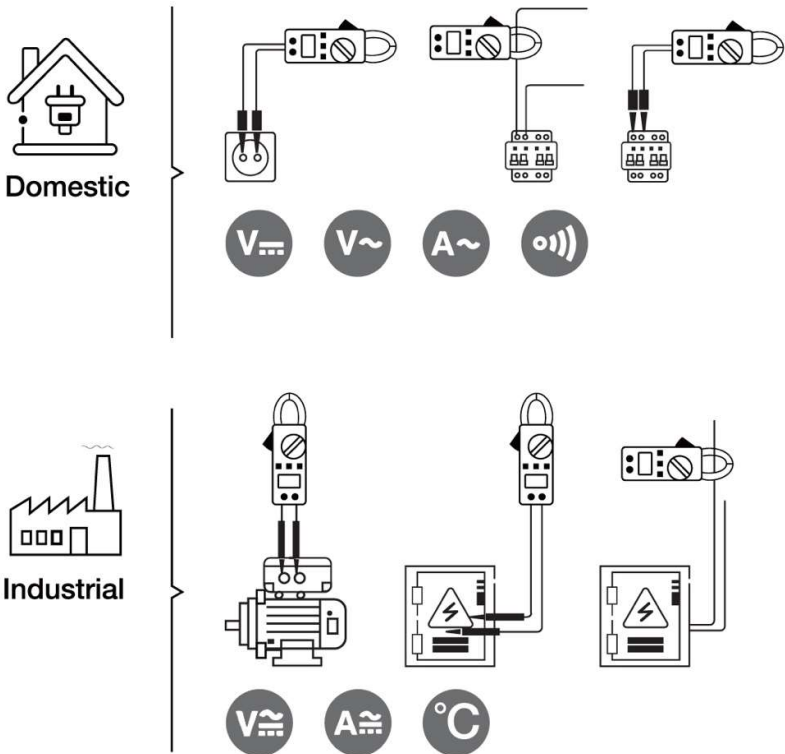
User
Manual

Packaging Information



White Box
L 198 X W 78 X H 53mm

Main Applications



Order Details

Stock No.	Brand	Product Name	Multimeter Type	Functions Measured	Digit Resolution
296533	RS Pro	Digital Clamp Meter	Handheld	Auto Range AC & DC (Mini-Size), 600V AC/DC, 400A AC/DC, Ω , CAP, Hz, $^{\circ}\text{C}$	-