AMPROBE®

Data Sheet



RS-3 PRO
CAT IV Analog Clamp

This CAT IV 600V safety rated analog clamp is a great tool for tough electrical applications. The RS-3 PRO works well in extreme temperatures of 32°F to 5°F, while digital clamp LCD screens tend to freeze this anolog clamp measures up to the test. The RS-3 PRO does not require batteries for measuring Amps and Volts.

- **Measures AC Current up to 300A**
- **Voltage up to 600 VAC**
- **Resistance and Continuity**
- **Pointer Lock - Data hold**
- **Easy to use Rotary Scale**
- **Measures Volts and Amps, no batteries required**
- **Works in temperatures from 5°F to 122°F**
- **Operates on 50 and 60 Hz frequency**
- **CAT IV, 600 V Safety Rated**
- **Includes test leads, battery (installed, for resistance measurement only), Users Manual, Carrying Case**

No hassle warranty

No waiting.

No shipping charges.

Our commitment to high-quality products and customer service is demonstrated by our industry exclusive "No Hassle" warranty. In the unlikely event that an Amprobe Test Tool requires warranty service, any of our local dealers are authorized to replace it, on the spot.

(note: $500 MSLP limit)

CAT IV 600V

N10140

CE

RS-3 PRO CAT IV Analog Clamp

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Specifications

General	
Display	Analog scales with clamping needle
Dimension	243 x 102 x 41 mm (10.3 x 4.0 x 1.6 in.)
Weight	0.455 kg (1.0 lb.)
Jaw opening / Conductor diameter	41mm (1.64") max

Power Supply	
Volt/ amp	powered by circuit under test
Ohm	1.5 V AAA battery (ANSI/NEDA-24A, IEC LR03)
Low Battery	Below approx. 1.2 V
Environmental	Indoor operation; below 2000m (6,562ft)
Operating Temperature	-15°C to 50°C (5°F to 122°F) ; < 80%
Storage Temperature	-20°C to 60°C (-4°F to 140°F), < 80% R.H. (with battery removed)
Temperature Coefficient	nominal 0.15 x (specified accuracy)/°C @ 0°C - 18°C or 28°C - 40°C (32°F - 64°F or 82°F - 104°F)

Safety LVD	Category IV – 600 Volts ac
	Meets EN60101-1:2001; EN61010-2-032(2002; pollution degree : II; class 2
CE **EMC**	EN 61326-1:2006

Electrical [23°C ± 5°C (73°C ± 9°C)]

AC Voltage (50/60 Hz)	
Ranges	150 / 300 / 600 Vrms
Accuracy	± 3 % of Full Scale.
Input Impedance	1.5 MΩ
OL Protection	600 V ac rms

AC Amp (50/60 Hz)	
Ranges	6 / 15 / 40 / 100 /600 Arms
Accuracy	± 3 % of Full Scale

Ohms	
Range	1000 ohms; 25 Ohms mid-scale
Accuracy	± 3 degrees of Arc
Open Circuit voltage	1.5v
Short circuit Current	xx mA
OL Protection	(F 0.5 A / 1000 V, size 6 x 32 mm IR fast blow ceramic)

Optional Accessories

TL-1500 Test leads with set of alligator clips
CC-RS Deluxe Carrying Case

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