



AD105A True RMS Digital Ammeter

- Broad range 1000 A, AC and DC ammeter
- True-RMS
- Frequency measurement using clamp jaws
- Peak Hold and DC Auto Zero
- Autoranging
- 4000-count
- Belt-clip sleeve case included

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)

General Specifications

Display:	3-3/4 digit LCD (max reading 3999)
Display Update Rate:	2/sec;
Overrange Indication:	"OL" indicated
Low Battery Indication:	Battery symbol appears when battery power is low
Power Supply	One 9 V battery (NEDA 1604, IEC 6F22)
Battery Life:	Alkaline 40 hours, approx.
Maximum Jaw Opening:	51 mm
Maximum Conductor Size:	51 mm (2 inches)
Operating Temperature:	0 °C to +50 °C, < 75 % R.H. non-condensing
Storage Temperature:	-20 °C to +60 °C, < 80 % R.H. non-condensing, batteries removed
Temperature Coefficient:	0.2 x (Spec. Acc'y), < 18 °C or >28 °C
Dimensions (WxHxD):	240 x 106 x 40 mm
Weight:	420 g (incl. Battery)



AD105A Digital Clamp Meter with Temperature

Data Sheet

Specifications (at 23 °C ± 5 °C, < 80 % R.H. non-condensing)

Function	Range	Accuracy	
AC Current (40-400 Hz)	400 A, 1000 A		
	0 - 40 A	± (1.9 % rdg + 8 digits)	
	40 - 400 A	± (1.9 % rdg + 7 digits)	
	400 - 1000 A	± (2.9 % rdg + 5 digits)	
Crest Factor	(C.F. 1.4 to 2.0)	+ (1.0 % rgd)	
	(C.F. 2.0 to 2.5)	+ (2.5 % rgd)	
	(C.F. 2.5 to 3.0)	+ (4.0 % rgd)	
Position Error		± (1.0 % rdg)	
Resolution	0.1 A in 400 A range		
AC Current (Peak Hold)	Low, High	± (3.0 % rdg + 10 digits)	
	Resolution	0.1 A in Low range	
DC Current	400 A, 1000 A		
	0 - 100 A	± (2.9 % rdg + 8 digits)	
	100 - 400 A	± (1.9 % rdg + 5 digits)	
	400 - 1000 A	± (2.9 % rdg + 5 digits)	
	Position Error		± (1.0 % rdg)
	Resolution	0.1 A in 400 A range	
Frequency	4 kHz, 10 kHz	± (0.5 % rdg + 3 digits)	
	Resolution	1 Hz in 4 kHz range	
	Min. Input Frequency	20 Hz	
	Sensitivity	< 1 kHz	6 A RMS
		1 - 10 kHz	10 A RMS

Included Accessories:
users manual, carrying case

Amprobe® Test Tools
website: www.Amprobe.com
email: info@amprobe.com
Everett, WA 98203
Tel: 877-AMPROBE

Amprobe® Test Tools Europe
In den Engematten 14
79286 Glottertal, Germany
Tel.: +49 (0) 7684 8009 - 0