



# 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	
<b>AC Current (40-400 Hz)</b>	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)	
<b>Crest Factor</b>	(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)	
<b>Position Error</b>		± (1.0 % rdg)	
<b>Resolution</b>	0.1 A in 400 A range		
<b>AC Current (Peak Hold)</b>	Low, High	± (3.0 % rdg + 10 digits)	
	<b>Resolution</b>	0.1 A in Low range	
<b>DC Current</b>	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)	
	<b>Position Error</b>		± (1.0 % rdg)
	<b>Resolution</b>	0.1 A in 400 A range	
<b>Frequency</b>	4 kHz, 10 kHz	± (0.5 % rdg + 3 digits)	
	<b>Resolution</b>	1 Hz in 4 kHz range	
	<b>Min. Input Frequency</b>	20 Hz	
	<b>Sensitivity</b>	< 1 kHz	6 A RMS
		1 - 10 kHz	10 A RMS

**Included Accessories:**  
users manual, carrying case

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