



# AMPROBE®

## AM-100, AM-105 TRMS & AM-110 TRMS Professional Series Digital Multimeters



*The next generation of quality digital multimeters equipped with major functionality and performance. The optional accessories enhance these testers' capabilities and applications, too.*

- TRMS (AM-105 & AM-110 only)
- BEEP-JACK audible warning against improper connection
- Peak hold (30ms response time)
- Auto and manual ranging
- Relative zero mode
- Auto power off
- Data hold
- Backlight display (AM-110 only)
- Large, easy to read LCD display
- Diode Test
- Audible continuity
- Safety CATIII 600V, CATII 1000V



*"Patent Pending"*

FEATURES	AM-100	AM-105	AM-110	ACCURACY
<b>TRMS</b>	N/A	Yes	Yes	
<b>AC Voltage</b>	400.0 mV 4.000 / 40.00 / 400.0 / 1000V			± (1.5% Rdg + 5 LSD) @ 4V to 400V ranges **
<b>DC Voltage</b>	400.0 mV 4.000 / 40.00 / 400.0 / 1000V			± (0.5% Rdg + 3 LSD) @ 4V to 400V ranges **
<b>Resistance</b>	4400.0 Ohms 4.000 / 40.00 / 400.0 kOhms 4.000 / 40.00 MOhms			± 0.8% + 6 LSD @ 400 Ohms to 400 kOhms
<b>AC / DC Current</b>	400.0 / 4000 uA 40.00 / 400.0 mA 4.000 / 10.00 A			± (2.0% Rdg + 6 LSD)
<b>Frequency</b>	5.000 / 50.00 / 500.0 Hz 5.000 / 50.00 kHz 500.0 / 1.000 MHz			± (0.5% Rdg + 4 LSD)
<b>Capacitance</b>	500.0 nF 5.000 / 50.00 / 500.0 / 3000 uF			± (3.5% Rdg + 6 LSD)
<b>Temperature</b>	N/A	N/A	-4°F to 572°F -20°C to 300°C	± (2.0% Rdg + 6 F) ± (2.0% Rdg + 3 C)
<b>Back light display</b>	N/A	N/A	Yes	

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OPTIONAL ACCESSORIES	PART NUMBER
3000A AC Flexible Clamp-on Attachment	ACF-3000 AK
1000A TRMS AC/DC Clamp-on Attachment	A-1000
600A AC/DC Clamp-on Attachment	CT-600 AC/DC
400A AC Clamp-on Attachment	A400
Milli-Amps to 30A AC/DC Clamp-on Attachment	CT-30
Thermocouple (AM-110 TRMS Only)	TPK-59
Dual input Thermocouple adapter with two thermocouples -50°F to 600°F (AM-110 TRMS Only)	DKTA-620 and two of TPK-56
Single Input Thermocouple Temperature Attachment (Recommended for AM-100 and AM-105 TRMS)	TMA-K
Alligator Clips (For test leads)	VRC-320
Carrying Case	CC-ACDC

REPLACEMENT PARTS <small>(supplied with product)</small>	PART NUMBER
Test leads with set of alligator clips <small>(alligator clips are not supplied with product)</small>	MTL-90B
Fuse 0.63A/500V IR 200kA for mA/uA terminal	FA-6x32/.63
Fuse 12.5A/500V IR 20kA for Amp terminal	FA-12.5A/500V
Instruction Manual	<a href="http://www.AMPROBE.com">www.AMPROBE.com</a>



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