

True RMS Precision Digital Multimeters

These "top of the line" digital multimeters are affordable without sacrificing an array of features and functions. From True RMS to PC Connectivity. Amprobe's Precision DMMs excel in the professional environment.

AM-140 TRMS, AM-150 TRMS, AM-160 TRMS Precision TRMS Digital Multimeters with PC Connection

- True RMS (TRMS)
- AC / DC Voltage, Resistance, AC/DC Current, Frequency, Capacitance, and Temperature
- Data Logging (AM-150 only)
- Optical isolated PC interface capability
- MAX, MIN MAX-MIN recording
- Peak hold
- Auto and manual ranging
- Data hold
- Audible and visual warning against improper plug-in
- Relative zero mode
- DC Loop Current 4-20mA
- dBm reading with 20 selectable impedance values
- Backlight display
- Large, easy to read LCD display
- Audible continuity
- "Third hand" - test probe holder
- Safety acc. EN 61010, CAT IV/600 V, CAT III/1000 V

FEATURES	AM-150	AM-140	AM-160
AC Voltage	50.00, 500.0mV, 5.000, 50.00, 500.0, 1000V	500.00m, 5.0000, 50.000, 500.00, 1000.0V	
DC Voltage	50.00, 500.0mV, 5.000, 50.00, 500.0, 1000V	500.00m, 5.0000, 50.000, 500.00, 1000.0V	
Resistance	50.00, 500.0, 5.000k, 50.00k, 500.0k, 5.000M, 50.00MΩ	500.00, 5.0000k, 50.000k, 500.00k, 5.0000M, 50.000MΩ	
Current AC/DC	500.0μ, 5000μ, 50.00m, 500.0m, 5.000, 10.00A	500.00μ, 5000.0μA, 50.000m, 500.00m, 5.0000, 10.000A	
Frequency	6 Hz to 125 kHz	5.0000 Hz to 200.000kHz	
Capacitance	50.00n, 500.0n, 5.000μ, 50.00μ, 500.0μ, 9999μF	50.00n, 500.0n, 5.000μ, 50.00μ, 500.0μ, 9999μF	
Temperature	-50 °C to 1000 °C		Dual thermocouple -50 °C to 1000 °C
Data Recording	5400 Points		N/A
Duty Cycle	N/A	0.1% to 99.99%	N/A

OPTIONAL ACCESSORIES	PART NUMBER
3000 A AC Flexible Clamp-on Attachment	ACF-3000 AK
1000 A TRMS AC/DC Clamp-on Attachment	A-1000
600 A AC/DC Clamp-on Attachment	CT-600 AC/DC
400 A AC Clamp-on Attachment	A400
Milli-Amps to 30 A AC/DC Clamp-on Attachment	CT-30
PC Interface kit (PC connection cable with software)	RS-232 KIT1
USB to RS-232 Adapter	RS-USB
Carrying Case	CC-ACDC

