



# AMPROBE®

AM-120 TRMS, AM-130 TRMS & AM-150 TRMS  
TRMS Digital Multimeters w/ PC Connection



*Professional grade and quality performance mark these digital multimeters as a "must have." Don't miss the download capability and optional accessories that make these value testers versatile.*

- True RMS (TRMS)
- Optical isolated PC interface capability
- Auto and manual ranging
- Auto power off
- Data hold
- Peak Hold
- Auto & Manual Ranging
- Backlight display
- Large, easy to read LCD display
- Auto Compensation of the test leads resistance
- Diode Test
- Audible continuity
- Safety: CAT III 1000V, CAT IV 600V



| FEATURES                  | AM-120   | AM-130                             | AM-150      | ACCURACY  |
|---------------------------|--|------------------------------------|-------------|---|
| <b>AC Voltage</b>         | 50.00 / 500.0 mV<br>5.000 / 50.00 / 500.0 / 1000V  |                                    |             | ± (0.5% Rdg + 3 LSD) @ 50 and 60Hz                      |
| <b>DC Voltage</b>         | 50.00 / 500.0 mV<br>5.000 / 50.00 / 500.0 / 1000V  |                                    |             | ± (0.08% Rdg + 2 LSD)<br>@ 5V to 1000V ranges **        |
| <b>Resistance</b>         | 50.00 / 500.0 Ohms<br>5.000 / 50.00 / 500.0 kOhms<br>5.000 / 50.00 MOhms                                     |                                    |             | ± (0.2% Rdg + 6 LSD) @<br>50Ohms to 500 kOhms ranges ** |
| <b>AC/DC Current</b>      | 500.0 / 5000 uA<br>50.00 / 500.0 mA<br>5.000 / 10.00 A   |                                    |             | DC: ± (0.2% Rdg + 4 LSD)<br>AC: ± (1.0% Rdg + 4 LSD)    |
| <b>Frequency</b>          | 6Hz to 125 kHz for all setups except:<br>6Hz to 1kHz for 500V and 1000V ranges<br>6Hz to 20kHz for 50V range |                                    |             | ± (0.01% Rdg + 2 LSD)                                   |
| <b>Capacitance</b>        | 50.00 / 500.0 nF<br>5.000 / 50.00 / 500.0 / 9999uF   |                                    |             | ± (2.0% Rdg + 3 LSD)<br>@ 50 nF to 50uF ranges**        |
| <b>Temperature</b>        | N/A  | -58 F to 1832 F<br>-50 C to 1000 C |             | ± (0.3% Rdg + 5 LSD)                                    |
| <b>Data recording</b>     | N/A  | Records PEAK, MAX,<br>MIN, MAX-MIN | 5400 Points |   |
| <b>Relative Zero mode</b> | N/A  | Yes                                | N/A         |   |



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AM-150 TRMS



| 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  |
| Dual input Thermocouple adapter with two thermocouples -50°F to 600°F (AM-130TRMS and AM-150TRMS Only) | DKTA-620 and two of TPK-56                           |
| Single Input Thermocouple Temperature Attachment (Recommended for AM-120 TRMS)                         | TMA-K  |
| Alligator Clips (For test leads)   | VRC-320  |
| PC Interface kit (PC connection cable with software)   | RS-232 KIT1  |
| Software   | <a href="http://www.AMPROBE.com">www.AMPROBE.com</a> |
| USB to RS-232 Adapter  | RS-USB   |
| Carrying Case  | CC-ACDC  |

| REPLACEMENT PARTS <small>(supplied with product)</small>                               | PART NUMBER  |
|--|--|
| Thermocouple (AM-130TRMS and AM-150TRMS Only)  | TPK-59   |
| Test leads with set of alligator clips (alligator clips are not supplied with product) | MTL-90B  |
| Fuse 0.63A/500V IR 200kA for mA/uA terminal (AM-120 TRMS and AM-130 TRMS)              | FA-6x32/.63  |
| Fuse 12.5A/500V IR 20kA for Amp terminal (AM-120 TRMS and AM-130 TRMS)                 | FA-12.5A/500V  |
| Fuse 1A/1000V IR 10kA for mA/uA terminal (AM-150 TRMS)                                 | FA-1A/1000V  |
| Fuse 15A/1000V IR 10KA or 11A/1000V IR 20kA for Amp terminal (AM-150 TRMS)             | FA-15A/1000V   |
| Instruction Manual   | <a href="http://www.AMPROBE.com">www.AMPROBE.com</a> |

