



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



"Patent Pending"

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

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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 |
| 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 | www.AMPROBE.com |
| 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 | www.AMPROBE.com |



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