



Digital Multimeters

CHOICE - Part of a great value is getting exactly what you need in a tool – nothing more or less. With the Amprobe broad selection of digital multimeters, you can find the perfect match for any job. From the industrial meters safety-rated for CAT IV electrical environments, to simple pocket-sized meters, you'll find a digital multimeter that fits your needs.

AM-500 Series Digital Multimeters

Best-in-class autoranging, digital multimeters with features for residential, commercial electrical, industrial and HVAC applications. Features include True-RMS, dual thermocouples for measuring temperature differential, low impedance to detect stray voltage, low pass filter to accurately measure variable frequency drives and a built-in flashlight.

AM-510 Commercial/Residential Multimeter Best Seller

Designed for light commercial and advanced residential applications, the AM-510 enables you to re-wire an electrical panel, install light fixtures, troubleshoot home appliances, electrical sockets and automotive electrical issues.

- Voltage up to 600 V AC/DC, AC/DC current and resistance
- Frequency, capacitance and duty cycle
- VolTect™ non-contact voltage detection
- Audible continuity, diode test, backlit LCD display, data hold and relative zero mode

AM-530 True-RMS Electrical Contractor Multimeter

Quickly troubleshoot voltage, perform repairs, run new wiring, check continuity on electrical connections, identify blown fuses and check motors or transformers. The AM-530 is the perfect multimeter for the professional electrician.

- Voltage up to 600 V AC/DC, AC/DC current, resistance, frequency, capacitance, and temperature
- True-RMS
- VolTect™ non-contact voltage detection
- Audible continuity, diode test, backlit LCD display, data hold and relative zero mode

AM-570 Industrial Multimeter

For professional electricians who need to maintain service or troubleshoot advanced electrical systems, the AM-570 is packed full of features such as True-RMS, dual thermocouples, a low impedance mode and low pass filter to accurately take measurements on variable frequency drives.

- AC/DC Voltage up to 1000 V, AC/DC current, resistance, frequency, capacitance, temperature and duty cycle
- Low Z – to detect stray voltages
- Low pass filter for variable frequency drives
- VolTect™ non-contact voltage detection
- Audible continuity, diode test, backlit LCD display, data hold and relative zero mode

Best Seller



AM-570



AM-570

| Series Selection Guide | | AM-510 | AM-530 | AM-570 | |
|------------------------|--------------------------------------------|---------------------|------------|------------|--------|
| | Application | Res / Com | Electrical | Industrial | |
| Functions | Measure voltage in noisy environments | True-RMS | • | • | |
| | Electrical panels, AC outlets | AC Voltage (V) | 600 V | 600 V | 1000 V |
| | DC systems, auto/marine batteries | DC Voltage (V) | 600 V | 600 V | 1000 V |
| | AC Current - electrical panels, appliances | AC Current (A) | 10 A | 10 A | 10 A |
| | DC Current - electronics, DC motors | DC Current (A) | 10 A | 10 A | 10 A |
| | Specified resistance and continuity | Resistance (MOhms) | 40 MΩ | 40 MΩ | 60 MΩ |
| | Flame sensors | Microamps | • | • | • |
| | Diodes in AC to DC converters | Diode test | • | • | • |
| | Fuses, light bulbs, wire connections | Continuity | • | • | • |
| | Household batteries | Battery test | • | - | - |
| | Motor startup or run capacitors | Capacitance | • | • | • |
| | Frequency verification | Frequency | • | • | • |
| | Non-contact voltage detection | VolTect™ | • | • | • |
| | Electrical load-time on vs. time off | Duty cycle | • | • | • |
| | Temp of air vents, fuses, transformers | Temperature inputs | - | 1 | 2 |
| Features | Automatically selects measurement range | Autoranging | • | • | |
| | Manually select measurement range | Manual ranging | • | • | |
| | Voltage on variable frequency drives | Low pass filter | - | - | |
| | Detect stray voltages | Low Z | - | - | |
| | Dimly lit areas | Built-in flashlight | • | • | |
| Display | Meter resolution | LCD counts | 4,000 | 4,000 | 6,000 |
| | Dimly lit areas | Backlight | • | • | • |
| | Monitoring fast changing signals | Bar graph | - | • | • |
| | Two relative measurements on one screen | Dual display | - | - | • |
| Events | Data memory | Data hold | • | • | • |
| | Difference between two measurements | Relative reading | • | • | • |
| | Max/min peak measurement | Max/min hold | - | • | • |
| | Specialized signal measurements | Peak hold (crest) | - | - | • |

INCLUDED ACCESSORIES:

Test leads (pair), batteries (installed), user manual
(AM-530, AM-570 only): carrying case with velcro strap
 K-type thermocouple (AM-570 includes 2 K-type thermocouples),
(AM-570 only): temperature adaptor



Recommended Accessories

DL248D
Deluxe Test Leads Kit (See Page 52)



TPK-62
Temperature Adapter and 2 Thermocouples for AM-570 (Replacement part)



TPK-59
Thermocouple (for AM-530) (See Page 52)





Digital Multimeters

CHOICE - Part of a great value is getting exactly what you need in a tool – nothing more or less. With the Amprobe broad selection of digital multimeters, you can find the perfect match for any job. From the industrial meters safety-rated for CAT IV electrical environments, to simple pocket-sized meters, you'll find a digital multimeter that fits your needs.

AM-500 Series Digital Multimeters

Best-in-class autoranging, digital multimeters with features for residential, commercial electrical, industrial and HVAC applications. Features include True-RMS, dual thermocouples for measuring temperature differential, low impedance to detect stray voltage, low pass filter to accurately measure variable frequency drives and a built-in flashlight.

AM-510 Commercial/Residential Multimeter Best Seller

Designed for light commercial and advanced residential applications, the AM-510 enables you to re-wire an electrical panel, install light fixtures, troubleshoot home appliances, electrical sockets and automotive electrical issues.

- Voltage up to 600 V AC/DC, AC/DC current and resistance
- Frequency, capacitance and duty cycle
- VolTect™ non-contact voltage detection
- Audible continuity, diode test, backlit LCD display, data hold and relative zero mode

AM-530 True-RMS Electrical Contractor Multimeter

Quickly troubleshoot voltage, perform repairs, run new wiring, check continuity on electrical connections, identify blown fuses and check motors or transformers. The AM-530 is the perfect multimeter for the professional electrician.

- Voltage up to 600 V AC/DC, AC/DC current, resistance, frequency, capacitance, and temperature
- True-RMS
- VolTect™ non-contact voltage detection
- Audible continuity, diode test, backlit LCD display, data hold and relative zero mode

AM-570 Industrial Multimeter

For professional electricians who need to maintain service or troubleshoot advanced electrical systems, the AM-570 is packed full of features such as True-RMS, dual thermocouples, a low impedance mode and low pass filter to accurately take measurements on variable frequency drives.

- AC/DC Voltage up to 1000 V, AC/DC current, resistance, frequency, capacitance, temperature and duty cycle
- Low Z – to detect stray voltages
- Low pass filter for variable frequency drives
- VolTect™ non-contact voltage detection
- Audible continuity, diode test, backlit LCD display, data hold and relative zero mode

Best Seller



AM-570



AM-570

| Series Selection Guide | | AM-510 | AM-530 | AM-570 | |
|------------------------|--------------------------------------------|---------------------|------------|------------|--------|
| | Application | Res / Com | Electrical | Industrial | |
| Functions | Measure voltage in noisy environments | True-RMS | • | • | |
| | Electrical panels, AC outlets | AC Voltage (V) | 600 V | 600 V | 1000 V |
| | DC systems, auto/marine batteries | DC Voltage (V) | 600 V | 600 V | 1000 V |
| | AC Current - electrical panels, appliances | AC Current (A) | 10 A | 10 A | 10 A |
| | DC Current - electronics, DC motors | DC Current (A) | 10 A | 10 A | 10 A |
| | Specified resistance and continuity | Resistance (MOhms) | 40 MΩ | 40 MΩ | 60 MΩ |
| | Flame sensors | Microamps | • | • | • |
| | Diodes in AC to DC converters | Diode test | • | • | • |
| | Fuses, light bulbs, wire connections | Continuity | • | • | • |
| | Household batteries | Battery test | • | - | - |
| | Motor startup or run capacitors | Capacitance | • | • | • |
| | Frequency verification | Frequency | • | • | • |
| | Non-contact voltage detection | VolTect™ | • | • | • |
| | Electrical load-time on vs. time off | Duty cycle | • | • | • |
| | Temp of air vents, fuses, transformers | Temperature inputs | - | 1 | 2 |
| Features | Automatically selects measurement range | Autoranging | • | • | |
| | Manually select measurement range | Manual ranging | • | • | |
| | Voltage on variable frequency drives | Low pass filter | - | - | |
| | Detect stray voltages | Low Z | - | - | |
| | Dimly lit areas | Built-in flashlight | • | • | |
| Display | Meter resolution | LCD counts | 4,000 | 4,000 | 6,000 |
| | Dimly lit areas | Backlight | • | • | • |
| | Monitoring fast changing signals | Bar graph | - | • | • |
| | Two relative measurements on one screen | Dual display | - | - | • |
| Events | Data memory | Data hold | • | • | • |
| | Difference between two measurements | Relative reading | • | • | • |
| | Max/min peak measurement | Max/min hold | - | • | • |
| | Specialized signal measurements | Peak hold (crest) | - | - | • |

INCLUDED ACCESSORIES:

Test leads (pair), batteries (installed), user manual
(AM-530, AM-570 only): carrying case with velcro strap
 K-type thermocouple (AM-570 includes 2 K-type thermocouples),
(AM-570 only): temperature adaptor



Recommended Accessories

DL248D
Deluxe Test Leads Kit (See Page 52)



TPK-62
Temperature Adapter and 2 Thermocouples for AM-570 (Replacement part)



TPK-59
Thermocouple (for AM-530) (See Page 52)

