

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

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, check motors or check 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 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



AM-570



AM-570

Series Selection Guide		AM-510	AM-530	AM-570
Application:	Feature:	Res / Com	Electrical	Industrial
Safety Rating	Safety	CAT III 600 V	CAT III 600 V	CAT IV 600 V CAT III 1000 V
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
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	•	•	•
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	-	-	•
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), K-type thermocouple (AM-530, AM-570 only), batteries (installed), carrying case, user manual, temperature adaptor (AM-570 only)



AM-510, AM-530

AM-570

Recommended Accessories

DL248D
Deluxe Test Leads Kit (See Page 56)



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



TPK-59
Thermocouple (for AM-530)

