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HARD AT WORK SINCE 1948.

AM-530 True-rms Electrical **Contractor Multimeter**

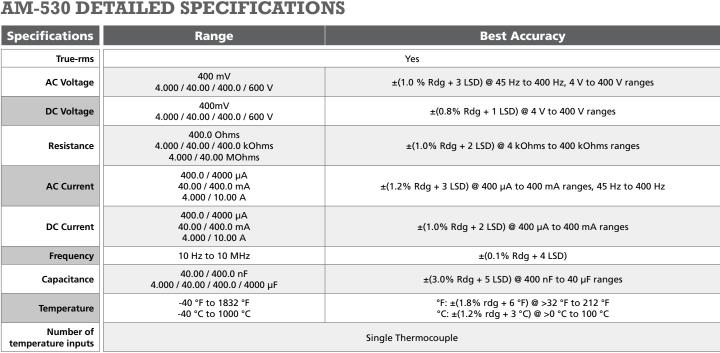
AM-500 Digital Multimeter Series

The Amprobe AM-530 is the fully-featured multimeter of choice for the professional electrical contractor. Measure and verify presence of voltage in order to connect equipment or to perform repairs, run new wiring, check continuity of electrical connections, identify blown fuses, troubleshoot motors or check transformers. The AM-530 features true-rms sensing to accurately measure voltage on systems affected by harmonics, a built in flashlight to detect wire colors in the dark, a "third hand" probe holder and VolTect™ non-contact voltage detection.

- Voltage up to 600Vac and 600Vdc, ac/dc current, resistance, frequency, capacitance, and temperature
- True-rms
- VolTect[™] Non-contact voltage detection
- Audible continuity
- Diode test
- Data hold

- Max/min memory
- Relative zero mode
- Built-in test leads storage and "third hand" test lead holder
- Auto and manual ranging
- Auto power off
- Low battery warning
- Safety rated: CAT III 600V





For more detailed specifications see instruction manual.

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AM-500 SERIES SELECTION GUIDE

			AM-500	AM-510	AM-520	AM-530	AM-540	AM-550
		MULTIMETER TYPE	Autoranging	Com / Res	HVAC	Electrical	Adv. HVAC	Industrial
	Application:		E C		sono	2000	2011	2011
	Safety Rating	Safety	CAT III 600V	CAT III 600V	CAT III 600V	CAT III 600V	CAT IV 600V CAT III 1000V	CAT IV 600V CAT III 1000V
	Measure voltage in noisy environments	True-rms						•
	Electrical panels, AC outlets	AC Voltage (V)	600	600	600	600	1000	1000
	DC systems, auto/marine batteries	DC Voltage (V)	600	600	600	600	1000	1000
	AC Current - electrical panels, appliances	AC Current (A)	10	10	10	10	10	10
Functions	DC Current - electronics, DC motors	DC Current (A)	10	10	10	10	10	10
	Specified resistance and continuity	Resistance (MOhms)	20	40	40	40	60	60
ŧ	Flame sensors	Micro Amps				•	•	•
Ĕ	Diodes in ac to dc converters	Diode test				•	•	•
五	Fuses, light bulbs, wire connections	Continuity				•	•	•
	Household batteries	Battery test						
	Motor startup or run capacitors	Capacitance			•	•	•	•
	Frequency verification	Frequency		•	•	•	•	•
	VolTect™ Non-contact voltage detection	Non-contact voltage		•	•	•	•	•
	Electrical load-time on vs. time off	Duty cycle		•			•	•
	Temp of air vents, fuses, transformers	Temperature inputs			1	1	2	2
	Automatically selects measurement range	Autoranging						•
es	Manually select measurement range	Manual ranging				•		
Ę	Voltage on variable frequency drives	Low pass filter					•	•
Features	Detect stray voltages	Low Z						•
-	Dimly lit areas	Built-in flashlight		•	•	•	•	•
Display	Meter resolution	LCD Counts	2,000	4,000	4,000	4,000	6,000	6,000
	Dimly lit areas	Backlight		.,,555	.,,,,,	.,,,,,		•
	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)			-	-	-	-
	Specialized signal measurements	reak Holu (Clest)					_	-

INCLUDED ACCESSORIES

Model	Batteries (Installed)	Test Leads	Temperature Probe	Temperature Adaptor	Velcro Strap	Carrying Case	User's Manual
AM-500	AAA x2	•					•
AM-510	9V (6F22) x1	•					•
AM-520	9V (6F22) x1	•	K-type probe x1				•
AM-530	9V (6F22) x1	•	K-type probe x1		•	•	•
AM-540	9V (6F22) x1	•	K-type probe x2	•	•	•	•
AM-550	9V (6F22) x1	•	K-type probe x2				•

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