

DIGITAL MULTIMETERS

5000 SERIES

	600 V CAT III	1000 V CAT III			
	5212 & 5217	5233 Only			

MODELS 5212, 5217, 5231 & 5233

Compact and simple-to-use, these multimeters with a large backlit display and non-contact voltage detection are exceptional products and a great value for today's market



5212



5217



5231



5233



SCAN TO LEARN MORE

MODELS	5212	5217	5231	5233
GENERAL				
True RMS	Yes			
AC Bandwidth	1000 Hz			
Auto / Manual Ranging	Yes			
LCD Display	4000-count	6000-count	6000-count + 61 segment bargraph	
Auto / Manual Range Select	Yes			
Voltage AC / DC	600 V	750 V _{AC} / 1000 V _{DC}	60 mV to 1000 V	
Current AC / DC	(4 / 10) A	(6 / 10) A	With 1 mV/A clamp: 600 A	10 A
µAmps AC / DC	–	600 / 6000 µA	–	
Resistance	40 MΩ	60 MΩ		
Frequency / Duty Cycle	–	1000 Hz / Yes	–	3 kHz / Yes
Capacitance	100 mF		–	1000 µF
Temperature	–	(-61 to 2192) °F (-55 to 1200) °C	–	(4 to 1400) °F (-20 to 760) °C
Continuity with Beeper	Yes			
Diode Test	Yes			
V Low Z	Yes		60 mV to 1000 V	
Non Contact Voltage Detection (NCV)	Yes / Red flashing display with buzzer		Yes / Red display	
Max / Min / Max-Min	No / No / No	Yes / Yes / Yes	No / No / No	Yes / Yes / No
Δ REL	No	Yes	No	Yes
OTHER FEATURES				
Display Hold	Yes			
Flashlight	Yes			No
Backlight	Yes: Blue / Red			
Removable Holster	Yes			No
Magnetic Hanger	Yes: in the holster		No	
Auto Power OFF	Yes			
Auto Power OFF Disable	Yes			
Power Supply	(2) 1.5 V AA		9 V	
Battery Life	500 h		> 100 h	
Low Battery Indication	Yes			
Direct Fuse Access	Yes			
Drop Resistant	Yes: 3.28 ft (1 m)			
Operating Temperature Range	(-4 to 122) °F (-20 to 50) °C		(32 to 122) °F (0 to 50) °C	
Double Insulated	Yes			
WARRANTY / SAFETY				
Warranty	3 y		2 y	
Safety	600 V CAT III		1000 V CAT III, 600 V CAT IV	

Consult factory for NIST Calibration prices.

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5000 SERIES

FEATURES

- AC/DC current up to 600 A with a current clamp giving direct readings (Model 5231)
- High sensitivity with a resolution of 0.01 mV (Model 5212)
- VLowZ function detects and eliminates ghost voltages by placing a burden on the circuit
- Multi-position mounting
- Battery life extended with sleep mode (Models 5212 & 5217)
- Backlight screen and flashlight (Models 5212 & 5217)

Models 5217 & 5233

- Displays MAX, MIN and MAX-MIN (Model 5233 displays MAX & MIN only)
- Withstands overloads up to 8000 V (Model 5233)
- Displays relative measurement
- Measures temperature
- Measures frequency and duty cycle

PRODUCT INCLUDES

5212 & 5217

Soft carrying pouch, set of (2) color-coded (red/black) leads, (2) 1.5 V AA batteries and user manual.

THERMOCOUPLE ADAPTER

Included with Model 5217

5231

Soft carrying case, set of (2) 5 ft color-coded leads (red/black) with needle tip (1000 V CAT IV 15 A), and user manual.

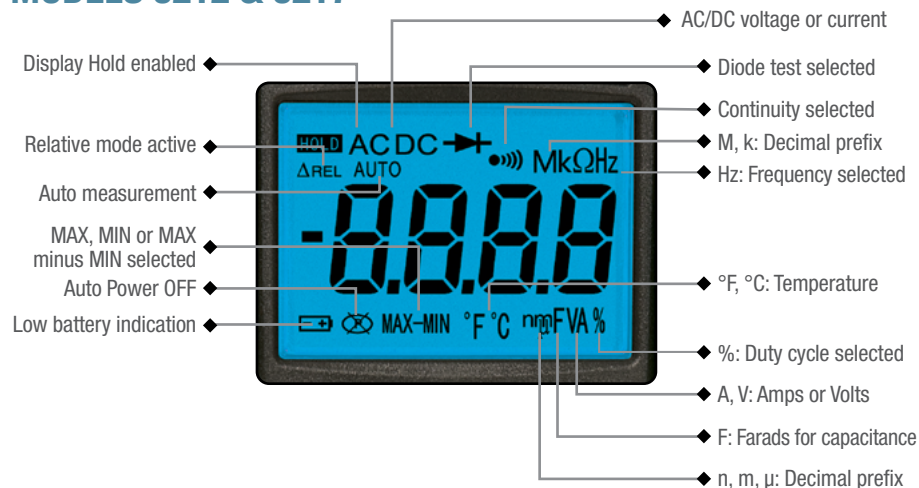
5233

Soft carrying case, set of (2) 5 ft color-coded leads (red/black), adapter - banana (male) to mini (female) with K-type thermocouple, and user manual.

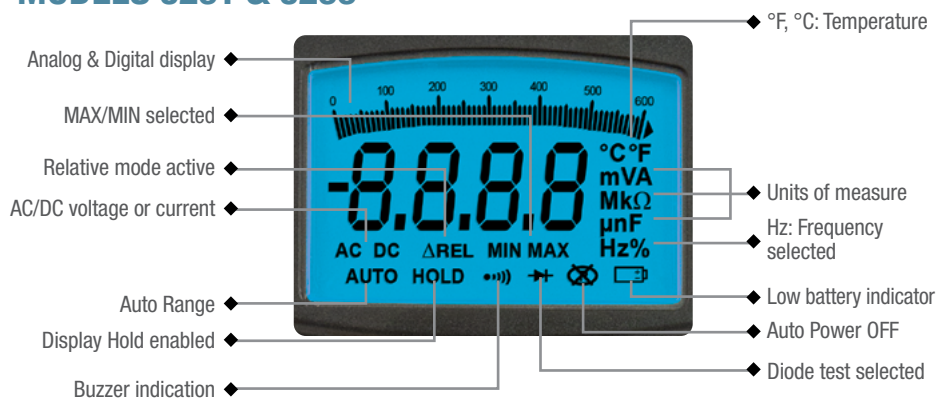


FUNCTIONAL DISPLAYS

MODELS 5212 & 5217



MODELS 5231 & 5233



Non-contact detection of network voltage (NCV Function-AC only)

CAT. #	DESCRIPTION
2154.07	DMM Model 5212 (TRMS, 4000-cts, NCV, V, A, AC/DC, Ohm, Auto Hold)
2154.09	DMM Model 5217 (TRMS, 6000-cts, NCV, V, A, AC/DC, Ohm, T, Frequency, Auto Hold)
2125.64	DMM Model 5231 (TRMS, 6000-cts, V, AC/DC, Ohm, CT, NCV)
2125.65	DMM Model 5233 (TRMS, 6000-cts, V, A, AC/DC, Cap, Ohm, T, NCV)