



Models 5231 & 5233

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



SPECIFICATIONS

MODELS	5231	5233
Display	6000-count backlit display + 61-segment bargraph	
Acquisition	True RMS	
Autorange or Manual	Yes	
Bandwidth	3kHz (V) / 1kHz (A)	
Best Accuracy	0.2%	
AC Voltage	6 ranges / 60mV to 1000V Resolution: 0.01mV	6 ranges / 60mV to 1000V Resolution: 0.01mV
AC LowZ Voltage	4 ranges / 60mV to 1000V Resolution: 0.01mV	4 ranges / 60mV to 1000V Resolution: 0.01mV
DC Voltage	6 ranges / 600V to 1000V Resolution: 0.01mV	6 ranges / 600V to 1000V Resolution: 0.01mV
AC Current / DC Current	With 1mV/A clamp: 1 range - 600A Resolution: 0.1A	2 ranges / 6 to 10A Resolution: 0.001A
Resistance Measurement	6 ranges - 60MΩ - Resolution: 0.1Ω	
Audible Continuity/Diode Test	Yes	
Frequency/Duty Cycle	—	3 ranges: up to 3kHz / Yes
Capacitance	6 ranges - 1000μF - Resolution: 0.01nF	
Temperature (with external K thermocouple)	—	1 range: -20° to +760°C / 4° to +1400°F / Resolution: 1°
Non-contact Voltage Detection (NCV)	Yes	
Display Hold Function	Yes	
Relative Mode	—	Yes
Min-Max	—	Yes
Power Supply	9V Alkaline battery (6LF22)	
Protection Rating	IP54	
Dimensions	6.1 x 2.9 x 2.17" (155 x 75 x 55mm)	
Weight	.70 lb (320g)	
Safety Rating	600V CAT IV / 1000V CAT III	600V CAT IV / 1000V CAT III



FEATURES

- Non-contact detection of network voltage (NCV Function-AC only)
- AC/DC current up to 10A or 600A with a current clamp giving direct readings (Model 5231)
- High sensitivity with a resolution of 0.01mV
- Their protection enables them to withstand overloads up to 8000V
- V_{LowZ} function detect the presence of ghost voltage by placing a burden on the circuit
- Multi-position mounting
- 2-Off positions

PRODUCT INCLUDES



Set of two 5 ft color-coded test leads, soft carrying case and user manual.

► **Thermocouple**
Included with Model 5233



CATALOG NO.

DESCRIPTION

2125.64

Digital Multimeter Model 5231 (TRMS, 6000-cts, V, AC/DC, Ohm, CT, NCV)

2125.65

Digital Multimeter Model 5233 (TRMS, 6000-cts, V, A, AC/DC, CAP, Ohm, T, NCV)

