



Models 5212, 5215, 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



SPECIFICATIONS

| MODELS | 5212 | 5215 | 5217 | 5231 | 5233 |
|-------------------------------------|------------|-----------------------------|------------------------------------|--|---|
| GENERAL | | | | | |
| True RMS | | | Yes | | |
| AC Bandwidth | | | 1000Hz | | |
| Auto/Manual Ranging | | | Yes | | |
| LCD Display | 4000-count | 6000-count | 6000-count | 6000-count + 61 segment bargraph | |
| Auto/Manual Range Select | | | Yes | | |
| Voltage AC/DC | 600V | 750Vac/1000Vdc | 750Vac/1000Vdc | 6 ranges/60mV to 1000V; Resolution: 0.01mV | |
| Current AC/DC | 4A/10A | 6A/10A | | With 1mV/A clamp: 600A Resolution: 0.1A | 2 ranges / 6 to 10A Resolution: 0.001A |
| µAmps AC/DC | 400/4000µA | 600/6000µA | 600/6000µA | - | |
| Resistance | 40MΩ | 60MΩ | 60MΩ | 6 ranges/60MΩ; Resolution: 0.1Ω | |
| Frequency/Duty Cycle | | - | 1000Hz/Yes | - | 3 ranges: up to 3kHz/Yes |
| Capacitance | | 100mF | | 6 ranges/1000µF; Resolution: 0.01nF | |
| Temperature | | | -61° to 2192°F (-55° to 1200°C) | - | 4° to 1400°F (-20° to 760°C) Resolution: 1° |
| Continuity with Beeper | | | Yes | | |
| Diode Test | | | Yes | | |
| V Low Z | | Yes | | 4 ranges/60mV to 1000V; Resolution: 0.01mV | |
| Non Contact Voltage Detection (NCV) | | Yes/Red display with buzzer | | Yes/Red display | |
| Max / Min / Max-Min | No | Yes/Yes | Yes/Yes | No/No | Yes/No |
| Δ REL | No | Yes | 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 x 1.5V AA | | 9V | |
| Battery Life | | 500 hrs | | > 100 hrs | |
| Low Battery Indication | | | Yes | | |
| Direct Fuse Access | | | Yes | | |
| Protection Index | | | IP 54 | | |
| Drop Resistant | | Yes – 2m | | Yes – 1m | |
| 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 Years | | 1 Year | |
| CAT III | | 600V | | 1000V | |
| CAT IV | | - | | 600V | |

Functional Displays



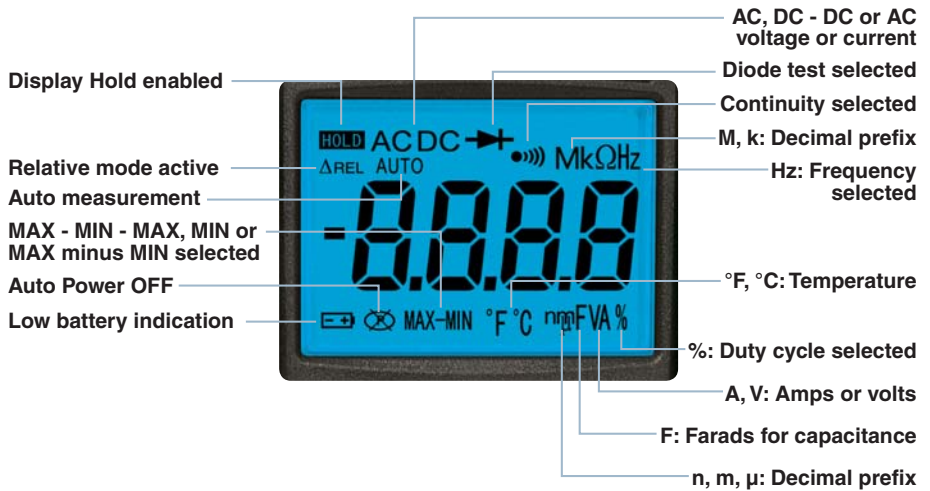
*(Models 5212, 5215 & 5217 only)



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
- Battery life extended with "sleep mode" feature (Models 5212, 5215 & 5217)
- Backlight screen and flashlight (Models 5212, 5215 & 5217)
- Displays MAX, MIN and MAX-MIN (Models 5215 & 5217; Model 5233 displays MAX & MIN only)
- Displays relative measurement (Models 5215, 5217 & 5233)
- Measures temperature (Models 5217 & 5233)
- Measures frequency and duty cycle (Models 5217 & 5233)

Models 5212, 5215 & 5217



Models 5231 & 5233



PRODUCT INCLUDES

Models 5212, 5215 & 5217

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

► Thermocouple adapter
Included with Model 5217

Models 5231 & 5233

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

► Thermocouple adapter
Included with Model 5233



| CATALOG NO. | DESCRIPTION |
|-------------|---|
| 2154.07 | DMM Model 5212 (TRMS, 4000-cts, NCV, V, A, AC/DC, Ohm, Auto Hold) |
| 2154.08 | DMM Model 5215 (TRMS, 6000-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) |



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