

Heavy Duty Industrial MultiMeters

Waterproof (IP67) rugged design for heavy duty use
With CAT IV-600V safety rating for industrial applications

Common Features:

- 1000V input protection on all functions
- Dual sensitivity frequency functions
- Large backlit LCD
- Diode open circuit voltage of 2.8V DC
- Auto power off with disable feature
- Complete with double molded test leads, magnetic hanging strap, Type K bead wire temperature probe (EX505, EX520 and EX530), carrying case, and one 9V battery

Models: EX503, EX505 (True RMS)

- 4,000 count
- 0.5% accuracy
- Data Hold and Relative
- 10A max current

Models: EX510, EX520 (True RMS)

- 6000 count—high resolution
- 0.09% accuracy
- Min/Max/Relative/Data Hold
- 20A max current

Model EX530 (True RMS)

- 40,000 count—highest resolution
- 0.06% accuracy
- Min/Max/Relative/Data Hold
- 20A max current
- Peak Hold (AC only)



Drop-proof to 6 feet (2.9m)



EX500
SERIES

| Specifications | EX503 | EX505 | EX510 | EX520 | EX530 |
|------------------------|--------------------------------------|--------------------------------------|------------------------------------|------------------------------------|--|
| Display Counts | 4,000 count | 4,000 count | 6,000 count | 6,000 count | ✓ 40,000 count |
| Averaging/True RMS | Averaging | ✓ True RMS | Averaging | ✓ True RMS | ✓ True RMS |
| Basic Accuracy | 0.5% | 0.5% | 0.09% | 0.09% | ✓ 0.06% |
| DC/AC Voltage | 0.1mV to 1000VDC 0.1mV to 1000VAC | 0.1mV to 1000VDC 0.1mV to 1000VAC | 0.1mV to 1000VDC 1mV to 1000VAC | 0.1mV to 1000VDC 1mV to 1000VAC | 0.01mV to 1000VDC 0.01mV to 1000VAC |
| DC/AC Current | 0.1µA to 10A | 0.1µA to 10A | 0.1µA to 20A | 0.1µA to 20A | 0.01µA to 20A |
| Resistance | 0.1Ω to 40MΩ | 0.1Ω to 40MΩ | 0.1Ω to 60MΩ | 0.1Ω to 60MΩ | 0.01Ω to 40MΩ |
| Capacitance | 0.01nF to 100µF | 0.01nF to 100µF | — | 0.01nF to 1000µF | 0.001nF to 40mF |
| Frequency (electrical) | 5Hz to 1kHz | 5Hz to 1kHz | 10Hz to 400Hz | 10Hz to 400Hz | 40Hz to 400Hz |
| Frequency (electronic) | 0.001Hz to 10 MHz | 0.001Hz to 10 MHz | 0.001Hz to 40MHz | 0.001Hz to 40MHz | 0.001Hz to 100MHz |
| Temperature | — | ✓ -4 to 1382°F (-20 to 750°C) | — | ✓ -50 to 1382°F (-45 to 750°C) | ✓ -50 to 1382°F (-45 to 750°C) |
| Duty Cycle | 0.1 to 99.9% | 0.1 to 99.9% | 0.1 to 99.9% | 0.1 to 99.9% | 0.1 to 99.90% |
| Diode/Continuity | Yes | Yes | Yes | Yes | Yes |
| Dimensions | 7.25x3.25x2.25"(184x83x57mm) | 7.25x3.25x2.25"(184x83x57mm) | 7.25x3.25x2.25"(184x83x57mm) | 7.25x3.25x2.25"(184x83x57mm) | 7.25x3.25x2.25"(184x83x57mm) |
| Weight | 12.3oz (349g) | 12.3oz (349g) | 12.3oz (349g) | 12.3oz (349g) | 12.3oz (349g) |