

Extech Industrial MultiMeters

- Double Molded Waterproof Case (IP67)
- 11 Functions
- 1000V Protection on All Functions
- True RMS AC
- Dual Sensitivity Frequency Functions
- Large Backlit LCD
- Diode Test Open Circuit 2.8V DC
- Auto Power Off with Disable Feature
- CATIII-1000V & CATIV-600V Ratings
- Drop Proof to 6 Feet

Model EX505

- 4,000 Count
- 0.5% Accuracy
- Data Hold and Relative
- 10A Max Current

Model EX520

- 6000 Count - High Resolution
- 0.09% Accuracy
- Min/Max/Relative/Data Hold
- 20A Max Current

Model EX530

- 40,000 Count - Highest Resolution
- 0.06% Accuracy
- Min/Max/Relative/Data Hold
- 20A Max Current
- Peak Hold (AC only)



SPECIFICATIONS

Measurement Range (auto or manual ranging)

| | | | |
|------------------|---|-------------------|------------------|
| DCV | 0.1mV to 1000V (0.01mV on EX530) | | |
| ACV | 1mV to 1000V (0.1mV on EX505, 0.01mV on EX530) | | |
| DCA | 0.1mA to 20A (10A on EX505) | | |
| ACA | 0.1mA to 20A (10A on EX505) | | |
| Ω | EX505: | 0.1Ω to 40MΩ | |
| | EX520: | 0.1Ω to 60MΩ | |
| | EX530: | 0.01Ω to 40MΩ | |
| Capacitance | EX505: | 0.01nF to 100mF | |
| | EX520: | 0.01nF to 1000mF | |
| | EX530: | 0.001nF to 40mF | |
| Frequency | Electrical | Electronic | |
| | EX505: | 5Hz to 1kHz | 0.001Hz to 10MHz |
| | EX520: | 10Hz to 400Hz | 0.001Hz to 40MHz |
| EX530: | 40Hz to 400Hz | 0.001Hz to 100MHz | |
| Temperature | -50 to 1382°F / -45 to 750°C (-4°F/-20°C min on EX505) | | |
| Duty Cycle | 0.1 to 99.9% | | |
| Diode/Continuity | Yes | | |

Complete with double molded test leads, magnetic hanging strap, Type K bead wire temperature probe (-22 to 572°F/-30 to 300°C), carrying case, and 9V battery.

ORDERING INFORMATION

| | |
|----------|---|
| EX505 | True RMS Industrial MultiMeter (4000 count) |
| EX520 | True RMS Industrial MultiMeter (6000 count) |
| EX530 | True RMS Industrial MultiMeter (40,000 count) |
| EX/TL810 | Electrical Test Lead Kit |
| EX/TP200 | Type K Clamp Probe (212°F/100°C) |
| EX/HG500 | Magnetic Hanging Strap |

Extech Autoranging MultiMeters

- Backlit 1" High LCD
- Resolution to 0.1mA
- CAT III - 600V Rating
- Audible & Visual Alerts
- Diode/Continuity Check
- Three Year Warranty
- Built-in IR thermometer with laser (450 & 470)

Model 450

- 2000 Count Full Scale
- 0.05% Basic DCV Accuracy
- IR Laser Thermometer
- MAX function

Model 430

- 4000 Count Full Scale
- TRMS AC
- 0.03% Basic DCV Accuracy
- Capacitance & Frequency
- Type K TC Temperature
- Relative Function

Model 470

- all of the Model 430 features plus
- IR Laser Thermometer



SPECIFICATIONS

Measurement Range

| | |
|---|----------------------------------|
| DCV | 0.1mV to 600V |
| ACV | 0.1mV to 600V |
| DCA | 0.1mA to 20A |
| ACA | 0.1mA to 20A |
| Ω | 0.1Ω to 40MΩ (20MΩ on Model 450) |
| Models 430 & 470: | |
| Capacitance | 0.01nF to 100μF |
| Frequency | 0.001Hz to 10MHz |
| Duty cycle | 0.1 to 99.9% |
| Type K TC | -4 to 1382°F (-20 to 750°C) |
| IR Thermometer (Models 450 & 470): | |
| Range | -4 to 518°F (-20 to 270°C) |
| Spot size | 8:1 |
| Emissivity | 0.95 |

All models supplied with CAT III test leads, multi-position tilt stand and velcro strip for hanging, protective holster with test lead holder, bead wire temperature probe (except Model 450) and battery.

ORDERING INFORMATION

| | |
|-----------|-----------------------------------|
| EX450 | MultiMeter with IR Thermometer |
| EX430 | TRMS MultiMeter |
| EX470 | TRMS MultiMeter w/ IR Thermometer |
| EX/CA310 | 300A AC clamp-on adapter |
| EX/380905 | 2000A AC/DC clamp-on adapter |
| EX/409996 | Pouch carrying case |