

## ESM™ Series Digital Multimeters



DM-510A



DM-210A



DM-200A

### DM-200A features:

- Measures voltage, current, resistance and frequency.
- Tests continuity and diodes.
- Backlit LCD with 6,000 count display
- Two voltage detection modes – non-contact or using a single test lead
- BeepJack™ warns when test leads are incorrectly inserted in current measurement terminals
- Automatic and manual range selection
- Relative offset mode to see changes in measurements
- Data hold
- Use optional USB / RS-232 interface DMSC-2U for direct-to-PC logging.
- Lifetime Limited Warranty

### DM-210A also features:

- Measures capacitance
- Measures temperature using a type K thermocouple

### DM-510A has all DM-200A features plus:

- True RMS for no-compromise accuracy
- Crest capture (peak hold) plus recording of max, min, max-min and average
- Low impedance AutoCheck™ mode – automatically selects AC or DC volts, resistance or continuity. Low impedance masks “ghost” voltage pickup.
- Measures capacitance
- Measures temperature using a type K thermocouple

### Accessories included:

- (2) 1.5V AAA batteries, bead temperature probe (DM-210A, DM-510A only, 400°F/204°C max), test leads, protective boot.

### SPECIFICATIONS

<b>Voltage Measurement</b>	60.00, 600.0 mV; 6.000, 60.00, 600.0, 1000V
<b>Amperage Measurement</b>	600.0, 6000µA; 60.00, 600.0mA; 6.000, 8.00A
<b>Resistance</b>	600.0Ω; 6.000, 60.00, 600.0 kΩ; 6.000, 60.00 MΩ
<b>Capacitance</b>	60.00, 600.0nF; 6.000, 60.00, 600.0, 3000µF
<b>Frequency</b>	10Hz-50kHz sine wave; 5Hz-999.9kHz logic level square wave
<b>Temperature</b>	K type, -58 to 1832 °F (-50 to 1000 °C)
<b>Measurement Category</b>	CAT IV 300V; CAT III 600V; CAT II 1000V

CAT. NO.	UPC NO.	DESCRIPTION
DM-510A	08742	Professional Plant Digital Multimeter
DM-510A-C*	35758*	Professional Plant Digital Multimeter
DM-210A	08741	Digital Multimeter
DM-210A-C*	35757*	Digital Multimeter
DM-200A	08740	Digital Multimeter
DM-200A-C*	35756*	Digital Multimeter
<b>R</b> TSG-3	12034	Sure-Grip Test Leads

\* Includes Certificate of Calibration