

Hand-Held Advanced Digital Multimeter with RS-232 Interface

610 □ 620

- 50,000 Count, 4-4/5 Digit LCD (610)
- 100,000 Count, 5 Digit LCD (620)
- AC and AC+DC true rms readings
- RS232 interface and software
- Measures Period, Duty cycle and Pulse width
- Diode Auto Polarity test
- Auto Calibration
- Trend plot display
- Min/Max/Avg and Rel modes
- Compare function for Go/No-go testing
- Real time Clock and Calendar (620)
- 100 measurements stored in memory (610)
- 37,000 point data logger (620)
- Cat II 1000V, Cat III 600V



610



620

■ SPECIFICATIONS

[610]

Display: 50,000 counts
 Bar Graph: Yes
 Auto Ranging: Yes
 DC mV: 500mV
 DC Volts: 5V to 1000V
 DC Accuracy: $\pm(0.05\% +5D)$
 AC Volts: 5V to 1000V
 AC + DC Volts: 5V to 1000V
 DC Current: 500 μ A, 500mA, 10A
 AC Current: 500 μ A, 500mA, 10A
 AC+DC True RMS Current: 500 μ A, 500mA, 10A
 Resistance: 500 Ω to 20M Ω
 Capacitance: 5nF to 500 μ F
 Temperature: -30°C to +1370°C, -22°F to +2498°F
 Frequency: 100Hz to 1MHz
 Pulse Width: 10mS to 1S
 Duty Cycle: 0 to 100%
 Period: 1 μ S to 1S
 Continuity Test: Yes
 Diode Test: Yes
 Min/Max/Avg: Yes
 Relative Mode: Yes
 Compare: Yes
 Trend Display: Yes
 Measurement Memory: 100 Data Points
 RS232 Interface: Yes

General Specifications

Size: 7.8" H x 3.9" W x 1.7" D
 Weight: 20 oz
 Supplied Accessories: Carrying case, protective holster, User manual, Safety probes with alligator tips, RS232 Cable and software CD ROM, Temperature adapter and K type temperature probe

[620]

Display: 100,000 counts
 Bar Graph: Yes
 Auto Ranging: Yes
 DC mV: 100mV
 DC Volts: 1V to 1000V
 DC Accuracy: $\pm(0.02\% +5D)$
 AC Volts: 1V to 1000V
 AC + DC Volts: 1V to 1000V
 DC Current: 100 μ A, 100mA, 10A
 AC Current: 100 μ A, 100mA, 10A
 AC+DC True RMS Current: 100 μ A, 100mA, 10A
 Resistance: 100 Ω to 20M Ω
 Capacitance: 5nF to 500 μ F
 Temperature: -30°C to +1370°C, -22°F to +2498°F
 Frequency: 100Hz to 1MHz
 Pulse Width: 10mS to 1S
 Duty Cycle: 0 to 100%
 Period: 1 μ S to 1S
 Continuity Test: Yes

Diode Test: Yes
 Min/Max/Avg: Yes
 Relative Mode: Yes
 Compare: Yes
 Trend Display: Yes
 Data Logging /w Time Stamp: 37,300 data points
 RS232 Interface: Yes

General Specifications

Size: 7.8" H x 3.9" W x 1.7" D
 Weight: 20 oz
 Supplied Accessories: Carrying case, protective holster, User manual, Safety probes with alligator tips, RS232 Cable and software CD ROM, Temperature adapter and K type temperature probe