

506 Dual Display, True RMS

- Dual display for Frequency, AC voltage and Temperature measurements
- True RMS AC Voltage, Current and DB Readings
- Min, Max, Avg and Relative modes
- Capacitance, Inductance, Frequency and Temp measurements
- Square wave generator, logic function and back light

506 **SPECIFICATIONS****506****Volts DC**

Ranges (5): 400mV to 1000V

Best Resolution: 0.1mV; Accuracy: $\pm (0.5\% \text{ Rdg} + 2d)$ **Volts AC**

Ranges (5): 400mV to 750V

Best Resolution: 0.1mV; Accuracy: $\pm (1.5\% \text{ Rdg} + 5d)$ **DC Current**Ranges: 400 μ A, 400mA, 20ABest Resolution: 0.1 μ A; Accuracy: $\pm (1\% \text{ Rdg} + 2d)$ **AC Current**Ranges: 400 μ A, 400mA, 20A; Best Resolution: 0.1 μ AAccuracy: $\pm (1.5\% \text{ Rdg} + 2d)$, 50Hz to 100Hz**Resistance**Ranges (6): 400 Ω to 40M Ω Best Resolution: 0.1 Ω ; Accuracy: $\pm (0.5\% \text{ Rdg} + 2d)$ **Decibel**Ranges (4): -31.6 to +59.71dB; Best Accuracy: $\pm 0.5\text{dB}$ **Continuity**Buzzer: Sound at < 100 Ω Display Will Read: Shrt when R < 100 Ω ; Open when R > 100 Ω **Diode**

Display Will Read: Shrt when V < 0.5V;

Good when V = 0.5V to 1V; Open when V > 1V

Frequency

Ranges (4): 10KHz to 10MHz; Best Resolution: 1Hz

Accuracy: $\pm (0.01\% \text{ Rdg} \pm 1d)$; Sensitivity: 1.5V RMS**Temperature**

Range: -17 to 1200°C (0 to 2000°F)

Resolution: 1°C and 1°F; Accuracy: $\pm (3\% \text{ Rdg} + 3d)$ **Logic Probe**

TLL Level Display Will Read: Lo when V < 0.8V;

Hi when V > 2.0V; when V is 0.8V to 2.0V

CapacitanceRange: 0 to 100 μ FResolution: 0.01 μ F; Accuracy: $\pm (3\% \text{ Rdg} + 5d)$ **Inductance**

Range: 0 to 100H; Resolution: 0.01H

Miscellaneous

Signal Out: 2048Hz, 4096Hz, 8192Hz Square wave

Timer Range: 1 second to 10 hours

General SpecificationsSize: 8.0" H \times 3.6" W \times 1.5" D; Weight: 1 lb

Power: 9V battery

Supplied Accessories: Manual, Test leads, Holster, Temp adapter, "K" type temp probe, RS-232 cable and Software