

REED

THE RIGHT SOURCE THE RIGHT SOLUTIONS

MULTIMETER

TECHNICAL DATA

FEATURES

- AC and DC voltage and current, resistance, capacitance, frequency and duty cycle measurements
- 10MHz frequency counter
- Temperature measurement capability
- True RMS AC voltage and current measurements
- Min/Max/Avg and Peak hold (>1ms) functions
- Store up to 10,000 recorded events
- Real time clock for automatic time stamping of readings
- Log multiple sessions or log data continuously for over 200 hours
- 50,000-count graphical LCD with backlight displays multiple sets of measurement data simultaneously
- Bluetooth interface
- IP67 rated waterproof

SPECIFICATIONS

- AC/DC Voltage Range:** 50, 500mV, 5, 50, 500, 1000V
Resolution: 0.001, 0.01mV, 0.0001, 0.001, 0.01, 0.1V
Accuracy: AC: $\pm(0.3\% \text{ rdg.} + 25 \text{ dgt.})$ (50/60Hz);
DC: $\pm(0.025\% \text{ rdg.} + 5 \text{ dgt.})$
- AC/DC Current Range:** 500, 5000 μ A, 50, 500mA, 10A
Resolution: 0.01, 0.1 μ A, 0.001, 0.01mA, 0.001A
Accuracy: AC: $\pm(0.6\% \text{ rdg.} + 25 \text{ dgt.})$ (50/60Hz);
DC: $\pm(0.15\% \text{ rdg.} + 20 \text{ dgt.})$
- Resistance Range:** 50, 500 Ω , 5, 50, 500k Ω , 5, 50M Ω
Resolution: 0.001, 0.01 Ω , 0.0001, 0.001, 0.01k Ω , 0.01, 0.001M Ω
Accuracy: $\pm(0.05\% \text{ rdg.} + 10 \text{ dgt.})$
- Capacitance Range:** 5, 50, 500nF, 5, 50, 500 μ F, 10mF
Resolution: 0.001, 0.01, 0.1nF, 0.001, 0.01, 0.1 μ F, 0.01mF
Accuracy: $\pm(2\% \text{ rdg.} + 40 \text{ dgt.})$
- Frequency Range:** 50, 500Hz, 5, 50, 500kHz, 5, 10MHz
Resolution: 0.001, 0.01Hz, 0.0001, 0.001, 0.01kHz, 0.0001, 0.001MHz
Accuracy: $\pm(0.01\% \text{ rdg.} + 10 \text{ dgt.})$
- Temperature Range:** -50 to 1000 $^{\circ}$ C (-58 to 1832 $^{\circ}$ F)
Resolution: 0.1 $^{\circ}$ C (0.1 $^{\circ}$ F)
Accuracy: $\pm(1.0\% \text{ rdg.} + 2.5^{\circ}\text{C} (4.5^{\circ}\text{F}))$

Contact:
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ORDERING INFORMATION

- R5005 True RMS Multimeter
CP-09 AC Current Adapter
FC-A15 Safety Alligator Clips

