

## DIGITAL MULTIMETER

## TECHNICAL DATA

### FEATURES

- Pocket-sized, auto-ranging digital multimeter
- Measures AC/DC voltage and current, resistance, frequency, capacitance and duty cycle
- Diode test and continuity check functions
- Data hold and Relative mode
- 4000-count LCD display
- Low battery indicator and auto power-off
- Conforms with IEC61010 Cat. II 600V
- Includes test leads, battery and carrying case

### SPECIFICATIONS

- DC Voltage Range:** 400mV, 4, 40, 400, 600V  
**Resolution:** 0.1, 1, 10, 100mV, 1V  
**Accuracy:**  $\pm(0.8\% \text{ rdg.} + 1 \text{ dgt.})$
- AC Voltage Range:** 4, 40, 400, 600V  
**Resolution:** 1, 10, 100mV, 1V  
**Accuracy:**  $\pm(1.2\% \text{ rdg.} + 3 \text{ dgt.})$
- AC/DC Current Range:** 400, 4000 $\mu$ A, 40, 400mA  
**Resolution:** 0.1, 1, 10, 100 $\mu$ A  
**Accuracy:** DC:  $\pm(1.2\% \text{ rdg.} + 5 \text{ dgt.})$ ; AC:  $\pm(2\% \text{ rdg.} + 5 \text{ dgt.})$
- Resistance Range:** 400 $\Omega$ , 4, 40, 400k $\Omega$ , 4, 40M $\Omega$   
**Resolution:** 0.1, 1, 10, 100 $\Omega$ , 1, 10k $\Omega$   
**Accuracy:**  $\pm(1\% \text{ rdg.} + 2 \text{ dgt.})$
- Frequency Range:** 99.9Hz, 0.999, 9.99, 99.9kHz  
**Resolution:** 0.1Hz, 0.001, 0.01, 0.1kHz  
**Accuracy:**  $\pm(0.5\% \text{ rdg.} + 3 \text{ dgt.})$
- Capacitance Range:** 4.000, 40.00, 400.0nF, 4.000, 40.00, 100 $\mu$ F  
**Resolution:** 0.001, 0.01, 0.1nF, 0.001, 0.01, 0.1 $\mu$ F  
**Accuracy:**  $\pm(4\% \text{ rdg.} + 3 \text{ dgt.})$
- Duty Cycle:** 0.1% - 99.9%  
**Resolution:** 0.10%  
**Display:** 4000-count LCD  
**Power Supply:** Single 3V battery  
**Dimensions:** 110 x 58 x 11mm  
**Weight:** 76 g



### ORDERING INFORMATION

R5006 ..... Digital Multimeter

R5006-NIST ..... Digital Multimeter & NIST