



Features

- Measures inductance, capacitance and resistance
- Autoranging for AC impedance and DE resistance measurement
- Auto LCR smart check and measurement
- Series/Parallel modes
- $L_s/L_p/C_p$ with $D/Q/\emptyset/ESR$ parameters
- Support DCR mode 200Ω to $200M\Omega$
- High accuracy with 4 / 5 terminal Kelvin measurement
- 10kHz testing frequency and up to 100kHz output frequency
- Large backlit dual LCD display
- Data hold and relative functions
- Low battery indication with auto power off
- Includes test leads and probes, tweezers, alligator clips and batteries

Model	Description
R5001	LCR Meter
FC-300	Fused Test Lead Set
R1210	Alligator Clip Set, Large
CA-05A	Soft Carrying Case
R8888	Deluxe Hard Carrying Case
R5001-NIST	LCR Meter & NIST

TECHNICAL DATA

Specifications

Inductance (F=1kHz)

Range: 2000.0 μ H
20.000/200.0/2000.0mH
20.000/200.00/2000.0H

Resolution: 0.1/1 μ H
0.01/0.1/1mH
0.01/1H

Accuracy: $\pm(1.5\% + 15 \text{ dgt.})$

Capacitance (F=1kHz)

Range: 2000.0pF
20.000/200.00/2000.0nF
20.00/200.00/2000 μ F

Resolution: 0.01/0.1/1pF
0.01/0.1/1nF
0.1 μ F

Accuracy: $\pm(1.0\% + 10 \text{ dgt.})$

Resistance (F=1kHz)

Range: 20.000/200.00 Ω
2.0000/20.000/200.00k Ω
2.0000/20.000/200.0M Ω

Resolution: 0.01/0.1/1 Ω
0.01/0.1/1k Ω
0.1M Ω

Accuracy: $\pm(1.5\% + 5 \text{ dgt.})$

General Specifications

Test Frequencies: 100/120/1kHz
10kHz
100kHz

Display: Dual LCD display

Relative and Data Hold Functions: Yes

Backlit Display: Yes

Kickstand: Yes

Auto Power Off: Yes (after 5 minutes, off)

Power Supply: 6 AA Batteries

Low Battery Indicator: Yes

Product Certifications: CE

Operating Temperature: 32 to 104°F (0 to 40°C)

Storage Temperature: -4 to 140°F (-20 to 60°C)

Dimensions: 8.6 x 3.7 x 2.4"
(220 x 96 x 60mm)

Weight: 0.8lb (360g)