

Specifications

Display

- Primary: R, C, L
- Secondary: Q, D, ESR
- Equivalent Circuit Mode: Parallel or Serial
- Primitive Data: $|Z|$ and Θ , or R_s and X_s

Measurement Range and Accuracy

- R, $|Z|$: 0.1Ω - $20M\Omega$
- C: $1pF$ - $20000\mu F$
- L: $1\mu H$ - $20000H$
- Q, D: 0 - 10000
- Θ : -90° - 90°
- Accuracy: About 1% (tested for resistance 1Ω - $1M\Omega$)

Measurement Conditions

- Test Frequency: 100Hz, 1KHz
- Open Voltage: 0.5Vpp

Miscellaneous

- Measurement Connections: 4 Kelvin wires on the test terminals
- Ranging: Fully automatic
- Compensations: Open, Short
- Serial Data Output: Yes
- Power Supply: USB or battery
- Power Consumption: $< 100mA$ @ 5V
- Dimensions: 111 x 76 x 25 mm (4.37" x 3.0" x 1.0")
- Weight: 100g

<https://jyotech.com/m162-lcr-meter/>