- Measures L, C, R, |Z|, Q and D
- Displays component value, Q or D, Delta, or Delta%
- 5 digit display for component value and Q/D
- Auto ranging or Range hold
- Built-in comparator with 4 bin-sorting function
- Open and short circuit calibration for accurate zeroing
- Series and parallel equivalent circuit modes
- Three test frequencies
- Warning alarm for pass or fail binning
- Easy to use



Measurements

Components:

L (Inductance) C (Capacitance)

R (Resistance)

Z (Impedance)

Circuit Configuration: Series and Parallel

Parameters Displayed: Measured values, absolute Delta and Delta %

Resistance/Impedance

 Measured Parameter: R + Q and |Z|

 Measurement Range:

 R: 1mΩ to 999.99mΩ

 Q: 0.0001 to 99999

Inductance

Measured Parameter: L + Q

Measurement Range:

L: 1µH to 999.99H (100Hz & 120Hz) L: 0.1µH to 999.99 (1KHz)

Q: 0.0001 to 99999

Capacitance

 Measured Parameter: C+D

 Measurement Range:

 C: 1pF to 999.99μF

 D: 0.0001 to 99999

Test Environment

Test Frequency: 100Hz, 120Hz, 1KHz Test Voltage: 0.3V RMS Drive Voltage Accuracy: ±10% Measurement Rate: 2 Measurements/Sec Ranging: Auto or Hold.

Measurement Accuracy

Basic Accuracy: ±0.3% @ 23°C ±5°C (See user manual for detailed accuracy conditions) Zero Input Correction: Open and short circuit

General Specifications

Power Requirement: AC Voltage Input: 120/220 Volts Frequency: 50/60 Hz Power Consumption: 10W (Max) Operating Temperature: 0 to 40°C at \leq 85% Relative Humidity Size: 4.3" H x 10.6" W x 10.2" DWeight: 5.5 lbs. Accessories: Manual, Line cord, Test leads with Kelvin clips

SPECIFICATIONS