

# Passive Component LCR Meter

**Measures Inductance, Capacitance, and Resistance**  
With secondary parameter Q (Quality), D (Dissipation), R (Resistance),  $\theta$  (Phase), ESR (Equivalent Series Resistance)

## Features:

- Simultaneous 20,000/2,000 count backlit display of the primary parameter (L, C or R) with the secondary parameter of Q (quality), D (dissipation) R (resistance),  $\theta$ (phase), or ESR (equivalent series resistance)
- Auto Select measurement function with 1kHz default test frequency
- Five test frequencies
- Set Hi/Lo limits using absolute values or percentage limits
- Relative mode function
- Parallel or Series equivalent circuit
- Auto power off with disable
- Low battery and overrange indicators
- Built-in test fixture or use external test leads
- Open and Short calibration removes unwanted stray impedances from the measurement
- Complete with test leads and 9V battery
- Optional SMD Tweezer (LCR203), plug-in SMD Component Fixture (LCR205), and pouch case (CA900)



Specifications	Ranges	Basic Accuracy
Inductance	20 $\mu$ H, 200 $\mu$ H, 2000.0 $\mu$ H, 20.0000mH, 200.00mH 2000.0H, 20.000H, 200.00H, 2000.0H	$\pm(0.5\%rdg + 5 \text{ digits})$ (DF<0.1)
Capacitance	20pF, 200pF, 2000pF, 20.000nF, 200.00nF, 2000.0nF 20.000 $\mu$ F, 200.00 $\mu$ F, 2.0000mF, 20.00mF	$\pm(0.5\%rdg + 5 \text{ digits})$ (DF<0.1)
Resistance	20.00 $\Omega$ , 200.00 $\Omega$ , 2.0000k $\Omega$ , 20.000k $\Omega$ , 200.00k $\Omega$ , 2.0000M $\Omega$ , 20.000M $\Omega$ , 200.0M $\Omega$	$\pm(0.5\%rdg + 5 \text{ digits})$
DF (with C)	0.000 to 999	
Q	0.000 to 999	
Phase	$\pm 90^\circ$	
Test Frequency	100Hz/120Hz/1kHz/10kHz/100kHz	
Dimensions	7.6 x 3.5 x 1.6" (193 x 88 x 41mm)	
Weight	14.8oz (420g)	

## Ordering Information:

- LCR200** .....Passive Component LCR Meter  
**LCR203** .....SMD Tweezer for Model LCR200  
**LCR205** .....SMD Component Fixture For Model LCR200  
**153117** .....120V AC Adaptor  
**153230** .....220V AC Adaptor  
**CA900** .....Large soft carrying case fits meter and accessories

