EXTECH INSTRUMENTS
A FLIR COMPANY

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PRODUCT DATASHEET

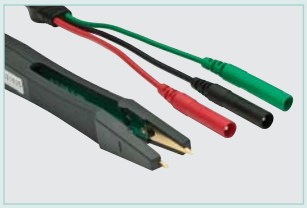
Passive Component LCR Meter

Measures Inductance, Capacitance, and Resistance

With secondary parameter Q (Quality), D (Dissipation), R (Resistance), θ (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), θ(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)



LCR203 SMD Tweezer

LCR205 SMD Component Fixture

Specifications	Ranges	Basic Accuracy
Inductance	20µH, 200µH, 2000.0µH, 20.0000mH, 200.00mH 2000.0H, 20.000H, 200.00H, 2000.0H	±(0.5%rdg + 5 digits) (DF<0.1)
Capacitance	20pF, 200pF, 2000pF, 20.000nF, 200.00nF, 2000.0nF 20.000µF, 200.00µF, 2.0000mF, 20.00mF	±(0.5%rdg + 5 digits) (DF<0.1)
Resistance	20.00Ω, 200.00Ω, 2.0000kΩ, 20.000kΩ, 200.00kΩ, 2.0000MΩ, 20.000MΩ, 200.0MΩ	±(0.5%rdg + 5 digits)
DF (with C)	0.000 to 999	
Q	0.000 to 999	
Phase	±90°	
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

Accessories
LCR203 .....SMD Tweezer for Model LCR200
LCR205 .....SMD Component Fixture For Model LCR200
CA900 .....Large soft carrying case fits meter and accessories

CE