

# High Precision LCR Meter

D1



## LCR-819/829 (12Hz~100kHz) LCR-817/827 (12Hz~10kHz)

SPECIFICATIONS	
<b>TEST FREQUENCY</b>	12Hz ~ 100kHz (503 steps) for LCR-819/829 12Hz ~ 10kHz (489 steps) for LCR-817/827
<b>BASIC ACCURACY</b>	0.05% for LCR-819/817, 0.1% for LCR-829/827
<b>TEST SPEED</b>	68ms for LCR-819/817, 34ms for LCR-829/827
<b>TEST SIGNAL LEVELS</b>	5mV~1.275Vrms (5mV/step)
<b>DC BIAS</b>	
Internal	2V
External	0 ~ 30V
<b>DISPLAY RANGE</b>	
Impedance/Resistance	R 0.00001Ω ~ 99999kΩ
Capacitance	C 0.00001pF ~ 99999μF
Inductance	L 0.00001mH ~ 99999H
Quality factor	Q 0.0001 ~ 9999
Dissipation Factor	D 0.0001 ~ 9999
<b>TEST MODE</b>	R/Q, C/D, C/R, L/Q
<b>EQUIVALENT CIRCUIT</b>	Parallel or serial selectable
<b>MEMORY</b>	100 memory blocks totally
<b>AVERAGE</b>	1 to 255 times
<b>TEST SPEED MODE</b>	SLOW, MEDIUM and FAST
<b>DISPLAY MODE</b>	Value, Δ, Δ%
<b>DISPLAY</b>	240 x 128 dot matrix C.C.F.L back light LCD
<b>INTERFACE (OPTION)</b>	RS-232C (Including LCR-Viewer Software) for LCR-819/817
<b>POWER SOURCE</b>	100V ~ 240V, 50/60Hz
<b>ACCESSORIES</b>	Instruction manual x 1, Power cord x1, LCR-06A x 1
<b>DIMENSIONS &amp; WEIGHT</b>	330 (W) x 149 (H) x 437 (D)mm, Approx. 5.5kg

## FEATURES

- \* Test Frequency: 12Hz~100kHz(LCR-819/829)  
12Hz ~ 10kHz(LCR-817/827)
- \* Continuously Variable Frequencies
- \* 0.05% High Measurement Accuracy (LCR-819/817)
- \* 0.1% Measurement Accuracy (LCR-829/827)
- \* 100 Sets Memory for Save/Recall of Setup State
- \* R/Q, C/D, C/R, L/Q Test Modes
- \* Absolute Value, Δ Value, and Δ % Measurement Display
- \* 240 x 128 dot Matrix LCD Display
- \* Test Condition and Test Result Shown on the Screen Simultaneously
- \* Handler Interface (LCR-829/827)
- \* Option: RS-232C (Including LCR-Viewer Software)(LCR-819/817)

## ORDERING INFORMATION

- LCR-819** 100kHz High Precision LCR Meter
- LCR-829** 100kHz High Precision LCR Meter with Handler Interface
- LCR-817** 10kHz High Precision LCR Meter
- LCR-827** 10kHz High Precision LCR Meter with Handler Interface

### Option

- Opt.1** Test Lead LCR-05 Axial & Radial Test Lead
- Opt.2** Test Lead LCR-07 Two-Wire With Alligator Clips
- Opt.3** Test Lead LCR-08 SMD/Chip Tweezers
- Opt.4** Test Lead LCR-09 SMD/Chip Test Fixture
- Opt.5** RS-232C (Including LCR-Viewer Software)  
(for LCR-819/817 and Factory Installed only)

Strumenti di Misura Nuovi e Ricondizionati



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