

High Precision LCR Meter

D1



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

SPECIFICATIONS	
TEST FREQUENCY	12Hz ~ 100kHz (503 steps) for LCR-819/829 12Hz ~ 10kHz (489 steps) for LCR-817/827
BASIC ACCURACY	0.05% for LCR-819/817, 0.1% for LCR-829/827
TEST SPEED	68ms for LCR-819/817, 34ms for LCR-829/827
TEST SIGNAL LEVELS	5mV~1.275Vrms (5mV/step)
DC BIAS	
Internal	2V
External	0 ~ 30V
DISPLAY RANGE	
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
TEST MODE	R/Q, C/D, C/R, L/Q
EQUIVALENT CIRCUIT	Parallel or serial selectable
MEMORY	100 memory blocks totally
AVERAGE	1 to 255 times
TEST SPEED MODE	SLOW, MEDIUM and FAST
DISPLAY MODE	Value, Δ, Δ%
DISPLAY	240 x 128 dot matrix C.C.F.L back light LCD
INTERFACE (OPTION)	RS-232C (Including LCR-Viewer Software) for LCR-819/817
POWER SOURCE	100V ~ 240V, 50/60Hz
ACCESSORIES	Instruction manual x 1, Power cord x1, LCR-06A x 1
DIMENSIONS & WEIGHT	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)