

High Precision LCR Meter



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

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

FEATURES :

- * **Test Frequency: 12Hz~100kHz(LCR-819/829)**
12Hz ~ 10kHz(LCR-817/827)
- * **Continuously Variable Frequencies**
- * **0.05% High Measurement Accuracy**
(LCR-819/817/829/827)
- * **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)

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~1.275V (5mV/step)
DC BIAS	Internal External	2V 0 to 30V
DISPLAY RANGE	Impedance/Resistance Capacitance Inductance Quality factor Dissipation Factor	R 0.00001 Ω ~ 99999k Ω C 0.00001pF ~ 99999 μ F L 0.00001mH ~ 99999H Q 0.0001 ~ 9999 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		Power cord x1, Instruction manual x 1, LCR-06A x 1 Option Fixture : LCR-05, LCR-07, LCR-08, LCR-09
DIMENSIONS & WEIGHT		330 (W) x 149 (H) x 437 (D)mm, Approx. 5.5kg

