

High Precision LCR Meter

NEW



CE

LCR-821 (12Hz~200kHz)

SPECIFICATIONS	
TEST FREQUENCY	12Hz ~ 200kHz (504 steps)
BASIC ACCURACY	0.05% for basic accuracy
TEST SIGNAL LEVELS	5mV ~ 1.275V (5mV/step)
DC BIAS	
Internal	2V
External	0 ~ 35V
DISPLAY RANGE	
Resistance	R 0.00001 Ω ~ 99999k Ω
Capacitance	C 0.00001pF ~ 99999 μ F
Inductance	L 0.00001mH ~ 99999H
Quality Factor	Q 0.0001 ~ 9999
Dissipation Factor	D 0.0001 ~ 9999
Impedance	Z 0.00001 Ω ~ 99999k Ω
Phase Angle (Degree)	θ -180.00 $^{\circ}$ ~ 180.00 $^{\circ}$
TEST MODE	R/Q , C/D, C/R, L/Q, Z/ θ , L/R
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	240x128 dot matrix C.C.F.L back light LCD
INTERFACE (STANDARD)	RS-232C
AC POWER SOURCE	100V ~ 240V
LINE FREQUENCY	50/60Hz
OPERATION TEMPERATURE	10 $^{\circ}$ C ~ 50 $^{\circ}$ C
STORAGE TEMPERATURE	-20 $^{\circ}$ C ~ 60 $^{\circ}$ C
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 ~ 200kHz, Continuously Variable Frequencies
- * 0.05% Measurement Accuracy
- * 100 Sets Memory for Save/Recall of Setup State
- * R/Q, C/D, C/R, L/Q , Z/ θ , L/R 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
- * Standard : RS-232C (Including LCR-Viewer Software)

ORDERING INFORMATION

LCR-821	200kHz High Precision LCR Meter
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