

High Precision LCR Meter



FEATURES :

- * **Test Frequency: 12Hz ~ 200kHz, Continuously Variable Frequencies**
- * **0.1% 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**
- * **RS-232C (Including LCR-Viewer Software) (Standard)**

LCR-821 (12Hz~200kHz)

SPECIFICATIONS

TEST FREQUENCY		12Hz ~ 200kHz (504 steps)
BASIC ACCURACY		0.1% for basic accuracy
TEST SIGNAL LEVELS		5mV ~ 1.275V (5mV/step)
DC BIAS	Internal	2V
	External	0 ~ 35V
DISPLAY RANGE	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
	Impedance	 Z 0.00001Ω ~ 99999kΩ
	Phase Angle (Degree)	θ -180.00° ~ 180.00°
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		240 x 128 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° C ~ 50° C
STORAGE TEMPERATURE		-20° C ~ 60° C
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