

LCR Meters

GW INSTEK

LCR-800 Series



- 0.05% Measurement Accuracy.
- Large LCD Display.
- RS-232 Interface Available.

		LCR-821	LCR-819	LCR-829	LCR-817	LCR-827	LCR-816	LCR-826	
Test Frequency		12Hz~200 kHz (504 Steps)	12Hz~100kHz (503 Steps)		12Hz~10kHz (489 Steps)		100Hz ~ 2kHz (245 Steps)		
Basic Accuracy		0.05%	0.05%	0.1%	0.05%	0.1%	0.1%	0.1%	
Test Speed		34ms	68ms	34ms	68ms	34ms	68ms	34ms	
Test Signal Levels		5mV ~ 1.275V (5mV/Step)					0.1V ~ 1.275Vrms (5mV/Step)		
DC Bias	Internal	2V	2V						
	External	0 ~ 35V	0 ~ 30V						
Display		Impedance/Resistance Capacitance Inductance Quality Factor Dissipation Factor Phase Angle (°)							
		Z/R: 0.00001Ω ~ 99999kΩ C: 0.00001pF ~ 99999μF L: 0.00001mH ~ 99999H Q: 0.0001 ~ 9999 D: 0.0001 ~ 9999 Ø: -180.00° ~ 180.00° (Model 821 Only)							
Test Modes		R/Q, C/D, C/R, L/Q							
		Z/Ø, L/R							
Equivalent Circuit		Parallel/Serial Selectable							
Memory		100 Memory Blocks Total							
Average		1 to 255 Times							
Test Speed Mode		Slow, Medium & Fast							
Display Mode		Value, Δ, Δ%							
Display		240 x 128 Dot Matrix C.C.F.L Backlit LCD							
Interface (Option, Std on 821)		RS-232C (Inc. LCR-Viewer Software) for LCR-816, LCR-817 & LCR-819							
General	Power Source	100V~240V, 50/60Hz							
	Accessories	Instruction Manual x 1, Power Cord x 1, LCR-06A x 1							
	Dimensions & Weight	330mm (W) x 149mm (H) x 437mm (D) 5.5kg							

ORDERING INFORMATION

LCR-821	200kHz High Precision LCR Meter inc. RS-232.		
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.
LCR-816	2kHz High Precision LCR Meter.	LCR-826	2kHz High Precision LCR Meter with Handler Interface.
LCR-05	Test Lead, Axial & Radial Test Lead.	LCR-07	Test Lead, 2-Wire with Alligator Clips.
LCR-08	Test Lead, SMD/Chip Tweezers.	LCR-09	Test Lead, SMD/Chip Test Fixture.
Option 05	RS-232C (inc LCR-Viewer Software (for LCR-819, 817 & 816, Factory Installed Only).	GRA-402	Rack Mount Adaptor.



LCR-05



LCR-06A



LCR-07



LCR-08



LCR-09