

LCR Meter

GW INSTEK



LCR-8101

- 20Hz ~ 1MHz Test Frequency.
- 6 Digit Measurement Resolution.
- DC Resistance Measurement.
- 0.1% Measurement Accuracy.
- GPIB Interface as Standard.
- Large LCD Display.
- Optional Graph Mode.

		LCR-8101
Measurement Characteristics	Test Frequency Input Impedance Basic Accuracy	20Hz ~ 1MHz, 5 Digits, $\pm 0.005\%$ 100 Ω $\pm 0.1\%$ (R, Z, X, G, Y, B, L, C)
Test Speed	AC Max AC Fast AC Medium AC Slow DC Max DC Fast DC Medium DC Slow	75mS 150mS 450mS 600mS 30mS 60mS 120mS 500mS
Test Signal	Levels Short Circuit Current	10mV ~ 2Vrms, 1mV/Step, $\pm 2.5\%$ Max. 20mA
Measurement	Ranges: R, Z, X Ranges: G, Y, B Ranges: L Ranges: C Ranges: D Ranges: Q Ranges: Rdc Parameters	0.1m Ω ~ 1M Ω 10nS ~ 1kS 0.1nH ~ 100kH 0.001pF ~ 1F 0.0001 ~ 9.9999 0.1 ~ 9999.9 0.1m Ω ~ 100M Ω Impedance (Z), Phase Angle (θ) Inductance (L), Capacitance (C), AC Resistance (Rac), Quality Factor (Q), Dissipation Factor (D), Admittance (Y), Conductance (G), Reactance (X), Susceptance (B), DC Resistance (Rdc)
Equivalent Circuit	Series or Parallel Equivalent Circuit Series Equivalent Circuit Only Parallel Equivalent Circuit Only Polar Form	C + R, C + D, C + Q, L + R, L + Q X + R, X + D, X + Q C + G, B + G, B + D, B + Q Z + Phase Angle, Y + Phase Angle
General	Display Interface Power Dimensions Weight	320 x 240 LCD Display RS-232, GPIB 115V / 230V AC 330mm (W) x 170mm (H) x 340mm (D) 5kg
OPTIONS & ACCESSORIES		
Option 01	Graph Mode (Factory Installed).	