



DIGITAL LCR METER

EDC-1620



The EDC-1620 is a low-cost, high performance digital LCR meter with the basic measurement accuracy of ±0.2%. A guard terminal is provided to improve the measurement accuracy. The placement of the decimal point of the measured value for the selected range is automatically adjusted by the instrument.

The optional plug-in adapter makers the measurement of axial-or radial-lead components easy. When quick go/no-go decision making is required for a specific application such as production test, the Preset Comparator PC-1620-1 is available as an option

■ FEATURE

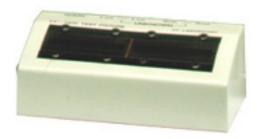
- 0.2% Accuracy
- High Stability
- Excellent temperature stablity
- High resolution (5 digital display)
- CPU controlled AC bias sinewave delivers highly stable D and Q measurement range
- Easy to use with wide measurement range
- Suitable for volume production testing when PC-1620-1 Comparator is used

■ Technical Specification

Measurement Parameters	Inductance & Q, Capacitance & D, Resistance
Display	5 digits for L, C, R, 4 digits for D, Q
Selectable Frequencies	1kHz (1020.0Hz±0.01%), 120Hz±0.01%
Circuit Modes	Parallel, Series
Range	3 ranges and Up/Down Auto Indicator
L Measurement	0.1µH∼999.99H (At 1kHz), 1µH∼9999.9H (At 120Hz)
C Measurement	0.1pF∼999.99μF (At 1kHz), 1pF∼9999.9μF (At 120Hz)
R Measurement	1mΩ~9.9999MΩ (At 1kHz), 10mΩ~99.999MΩ (At 120Hz)
Q (with, L)	0.01∼999.9 (fully automatic)
D (with, C)	0.0001∼9.999 (fully automatic)
Accuracy (L)	0.2% of reading (200µH ~200H)
Accuracy (C)	0.2% of reading (200pF∼200μF)
Accuracy (R)	0.2% of reading (2Ω \sim 2MΩ)
Q accuracy	0.01 + 0.2 (1 + Q)% of reading
D accuracy	0.001 + 0.2 (1 + D)% of reading
	45mA, 0.45mA, and 0.0045mA in,
DC Bias (Ext.)	range 1, 2, and 3 respectively with 30V DC Max.
Operating Conditions	0~45℃, 85% or Less (R.H.)
Input Power	110/220V, 50/60Hz
Dimensions	365(W) X 100(H)⁓340(D)mm
Weigh	9kg

Accessories

Test Clip (TC-1620): 1ea
AC Power Cord: 1ea
Instruction Manual: 1ea



TEXT FIXTURE TF-1620 (OPTION)

Option

Test Fixture (TF-1620)



Presettable Comparator PC-1620-1 (OPTION) Accessory : CC-1620-1 Cable(1 ea)

■ Presettable Comparator PC-1620-1

	L.C.R: 5 digits (Upper and Lower Limit)
Preset Range	D.Q: 4 digits (Upper and Lower Limit)
	Judge: "GOOD" and "GO" with Alarm
Indicator	Limit Over: High and Low
Input Power	Supplied from EDC-1620
Dimensions	360(W)×40(H)×214(D)mm
Weight	5kg