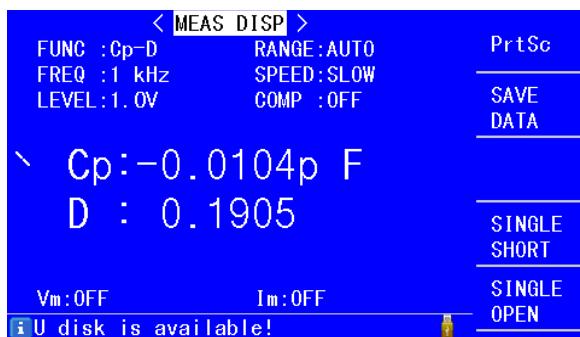


## 200kHz LCR Meter

LCR-106X



### Brief introduction

■ LCR-106X is a multifunctional LCR precision digital bridge for inspection of all kinds of electronic components. Using 4.3 inches LCD TFT display. It is a high-speed, broadband, 5 bit test resolution of the impedance measuring instrument, 40Hz-200kHz multi frequency points and 0.1% accuracy can meet the requirements of various occasions component parameters detection. Is a high cost of quality testing equipment.

### Performance characteristics

- 32 bit core processor, the data is completely compared to foreign first-class equipment
- 4.3 inch color TFT display
- 30 Ω, 100 Ω, two different signal source output impedance
- 5 BIN comparator
- When closing the instrument, the test conditions are automatically saved.
- 100 files can be saved inside the instrument, and save the file to the U disk
- Double operating system in Chinese and English
- Using U disk, upgrade instrument operating system
- Can save measurement data and screen graphics to U disk, U disk using FAT16 and FAT32 format
- Standard interface: RS232C, HANDLER, USB HOST ; Optional interface: USB DEVICE , earphone interface , Foot

### Technical index

Test parameter	L,C, R,   Z , D, Q , X , ESR , θ ( Deg ) , θ ( Rad )
Test frequency	LCR-106X: 40Hz, 50Hz, 60Hz, 75Hz, 100Hz, 120Hz, 150Hz, 200Hz, 250Hz, 300Hz, 400Hz, 500Hz, 600Hz, 750Hz, 800Hz, 1kHz, 1.5kHz, 2kHz, 2.5kHz, 3kHz, 4kHz, 5kHz, 6kHz, 7.5kHz, 10kHz, 12kHz, 15kHz, 15.7kHz, 16.2kHz, 20kHz, 25kHz, 30kHz, 40kHz, 50kHz, 60kHz, 66.6kHz, 75kHz, 100kHz, 120kHz, 150kHz, 200kHz, a total of 41 frequency points.
Basic measurement accuracy	0.1%
Test signal level	0.05V,0.1V,0.2V,0.25V,0.3V,0.4V,0.5V,1V
Equivalent circuit	In series, parallel
Mathematics function	Percentage deviation
Range mode	Automatic, hold, manual selection
Trigger mode	Internal, external
Measuring speed ( ≥1kHz )	Fast: the fastest 30 times per second, Medium: 10 times per second, Slow: 3 times per second
Average number of times	1—255
Delay Time	0—6s, 1ms step by step
Calibration function	Open circuit/short circuit/quick clearing
Display mode	Direct reading , Δ% , V/I ( To monitor the measured voltage and current )
Monitor	5 bit display, 4.3 inch color LCD display
Output impedance	30 Ω or 100Ω can choose
Display range	
Z , R , X , ESR	0.1mΩ — 99.99MΩ
C	0.01 pF — 9.9999F
L	0.01 μH — 99999 H
D	0.0001 — 9.9999
Q	0.0001 — 9999.9
θ ( Deg )	-179.99° — 179.99°
θ ( Rad )	-3.1416 — 3.1416
Δ%	-999.99% — 999.99%

switch interface、GPIB	Comparator Function	5 document sorting function
	Storage	100 files can be saved inside the instrument, and save the file to the U disk
	Interface	Standard interface: RS232C、HANDLER、USB HOST ; Optional interface: USB DEVICE , earphone interface , Foot switch interface、GPIB
	Size	265mm(W ) *100mm ( H ) *340mm(L )
	Weight	Packed about 5kg

Standard Accessories		Optional Accessories	
GF26004-1	Four terminal Kelvin test cable	GF26005B	Four terminal test box
Power cord		GF26010	Gold plated copper
		GF26009B	SMD test fixture
		GF26008A	SMD test box