



LCR METER

- LCR2000 Series



- + Consecutive test frequency
- + Basic accuracy : 0.05%
- + Measuring speed up to 40 times per second
- + Use 9-range test, auto, lock and nominal
(the instrument automatically selects the best range based on nominal value)
- + DCR measurement and internal D.C. bias voltage ($\pm 2.5V$)
- + 3.5" color LCD
- + Interface : RS-232C, Handler, USB Host / Device
- + Support SCPI and ModbusRTU communication protocol

PRODUCT STRUCTURE

USB Host interface, capable of storing test data and interface.

3.5-inch LCD display



Power switch

Shortcut key for easy menu access, making operations more convenient.

Four-wire measurement terminal



Power input AC 100-240V

USB Device interface

RS232-C interface

Handler interface

PRODUCT SPECIFICATIONS

Model NO.	LCR2300	LCR2200	LCR2100	LCR2020
Test Function	Cs-Rs, Cs-D, Cp-Rp, Cp-D, Lp-Rp, Lp-Q, Ls-Rs, Ls-Q, G-B, R-X, Z- θ r, Z- θ d, DCR			
Monitor Parameter	Z, D, Q, θ r, θ d, R, X, G, B, Y, Vac, Lac, Δ , Δ %			
Test Frequency	10Hz ~ 300kHz	10Hz ~ 200kHz	10Hz ~ 100kHz	10Hz ~ 20kHz
Basic Accuracy	0.05%(Slow/Med), 0.1%(Fast)			
Measurement Speed	40 times/s, 10 times/s, 3 times/s			
Display Rang	L: 0.00001uH ~ 9999.99H C: 0.00001pF ~ 9999.99mF R,X,Z: 0.00001 Ω ~ 99.9999M Ω B,G:0.01nS ~ 999.999S D: 0.00001 ~ 9.99999 Q: 0.00001 ~ 99999.9 θ d: -179.999 $^\circ$ ~ 179.999 $^\circ$ θ r: -3.14159 ~ 3.14159 %: -999.999% ~ 999.999%			
Output impedance	30 Ω , 50 Ω , 100 Ω			
Ranging	Auto, Hold and Nominal range. Total 9 Ranges.			
DC Bias (Internal)	-2.50V ~ +2.50V			
Correction Function	OPEN/SHORT			
Beep Feature	OFF/PASS/FAIL and HIGH/LOW tone			
Memory	built-in 10 files			
Trigger Mode	Internal, Manual, External and Remote Trigger.			
Interface	USB Host / Device, RS232, Handler			
Display	3.5 inch LCD			

ACCESSORIES



The accessories subject to final delivery.



Power Cord



Manual



USB Cable



T10 Test Fixture



Test Leads



Short-circuit foil



F10 SMD Test Clips (only for LCR2200,2300)



F11 SMD Test Clips (optional)



F12 SMD Test Clips (optional)