

LCR METER

CKT8000 SERIES PRECISION DIGITAL LCR METER

08



INTERFACE:

- RS232C
- USB HOST
- HANDLER
- HEADSET
- FOOT SWITCH

BRIEF INTRODUCTION

CKT8100/CKT8200/CKT8300/CKT8500/CKT100A/CKT200A/CKT200L is precision LCR meter for inspection of all kinds of electronic components. Using 4.3 inches LCD TFT display. It is a high-speed, broadband, 6-bit test resolution of the impedance measuring instrument, multi frequency points and 0.05% accuracy can meet the requirements of various occasions' component parameters detection. It is a high cost of quality testing equipment.

STANDARD ACCESSORIES



Kelvin Test clip



Test fixture



Short-circuit slice



RS232 Communication cable



AC Power Cord

FEATURES:

- 4.3 inches LCD TFT display
- 10 group frequency and level scanning measurement
- U disk copy screen
- 11-bin sorting (9-bin GD, 1-bin NG, 1-bin AUX)

SPECIFICATION:

SPECIFICATIONS	
CKT8100/CKT8200/CKT8300/CKT8500/CKT100A/CKT200A/CKT200L Precision Digital LCR Meter	
Parameters	Z , Y , C, L, X, B, R, G, D, Q, θ , DCR
Display Mode	Direct, Δ , $\Delta\%$, V/I
Basic Accuracy	0.05% \pm 5 dgt
Frequency	CKT8100: 12Hz~100KHz (continuous frequency) CKT8200: 12Hz~200KHz (continuous frequency) CKT8300: 12Hz~300KHz (continuous frequency) CKT8500: 12Hz~500KHz (continuous frequency) CKT100A: 50Hz~100KHz (16 frequency points) <i>Discontinued</i> CKT200A: 50Hz~200KHz (37 frequency points) <i>Discontinued</i> CKT200L: 50Hz~200KHz (about 1,5000 frequency points) <i>Discontinued</i>
Display Range	Z, X, R: 0.01m Ω ~99.9999M Ω DCR: 0.001m Ω ~99.9999M Ω Y, G, B: 0.00001 μ S~99.9999S C: 0.00001pF~9.9999F L: 0.00001 μ H~9999.99H D: 0.00001~9.9999 Q: 0.00001~9999.9 θ (rad): -3.14159 ~ 3.14159 θ (deg): -179.999 ~ 179.999
Source Resistance	30 Ω , 100 Ω , 10/CC
Range	Auto, Hold, Manual selection
Comparator	11-bin sorting (9-bin GD, 1-bin NG, 1-bin AUX)
Signal Level	5 mV~2V, accuracy: 10%, Constant level: 10 mV~1 V, accuracy: 5%
DC Bias Source	0V, 1.5V, 2V Accuracy: 1%
Trigger Mode	INT, MAN, EXT, BUS
Speed	75t/s, 12t/s, 3 t/s, 1-255 times average is available
List Test	10 group frequency and level scanning measurement
Adjustment	Open / short / load
Files	U disk copy screen, real-time data storage, which can support the FAT16 format, FAT32 file system
Interface	RS232C, USB HOST, USB DEVICE, HANDLER, Headset interface, Foot switch interface
Others	The software version of the instrument can be upgraded and updated by U disk.
GENERAL FEATURES	
Power Supply	Voltage: 110V/220V; Frequency: 50Hz - 60Hz
Size and Weight	265mm(W) *100mm (H) *340mm(L) 4.5kg
ORDERING INFORMATION	
Accessories	Kelvin Test clip; Test fixture; Short-circuit slice; RS232 Communication cable; AC Power Cord
Optional	SMD patch test fixture; SMD patch test clip