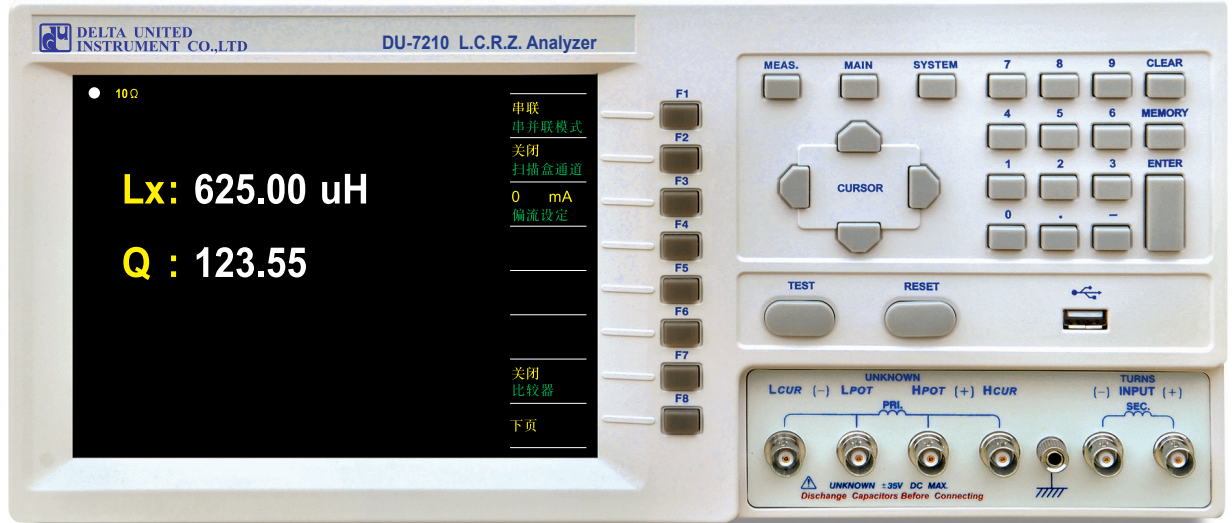




DU-7210 ^{200KHz} L.C.R.Z. Analyzer



L.C.R.Z. Analyzer



Applied Features:

- Measurement frequency: 20Hz-200KHz, accuracy: 0.02% Basic measurement accuracy: 0.1%
- Using ARM system and high speed CPU to provided highest data calculation speed in the same products
- 4 measurement fixture, accurate measurement value
- Excel plug-in will provide test results into Excel 2010 version

Specifications

Model	DU-7210		
Test Item	L, C, R, ZI DCR, Q, D, θ , Turn Ratio, Phase		
Test Voltage	Turn Ratio : 0.1V ~ 10V, $\pm 10\%$, Resolution : 100mV $\pm 5\%$ Other : 0.01V ~ 2.00V, $\pm 10\%$, Resolution : 100mV $\pm 5\%$		
Frequencies	Turn Ratio : 1KHz ~ 200KHz, $\pm 0.02\%$ Other : 20Hz ~ 200KHz, $\pm 0.02\%$		
Internal Impedance	Turn Ratio : 10 Ω , $\pm 5\%$, when level < 2V, 50 Ω , $\pm 5\%$, when level > 2V Other : Mode 1... 100 Ω , $\pm 5\%$ Mode 2...Varies as range resistor, $\pm 5\%$		
Measurement Range	L : 0.0001 μ H ~ 1999.9H C : 0.0001 pF ~ 199.99 mF Z, R : 0.0001 Ω ~ 99.999 M Ω	Q : 0.01 ~ 1999.9 D : 0.0001 ~ 19.999 DCR : 0.01 m Ω ~ 99.999 M Ω	Turn : 0.01 ~ 1999.9 turns (Secondary voltage less than 100Vrms)
Measurement Accuracy	Turn Ratio / DCR : $\pm 0.5\%$, at 1KHz Basic L / C / R : $\pm 0.1\%$ (at 1KHz/1V Basic)		
Speed	Slow:500ms, Medium:100mS, Fast:20mS		
Judgment	PASS / FAIL judgment of all test parameters PASS/FAIL judgment output from standard I/O interface		
Display screen	8 inch 800 x 600 dot-matrix TFT LCD display		
Memory	INT. : 100 memory EXT. : USB 400memory.		
Internal DC Bias	Current Built-in 1~1000 mA programmable DC Bias in current		
Interface	Cr72-RSHD: RS232/HANDLER combinatorial interface		
Correction	Open / Short zeroing, Load correction, Load calibration		
Trigger Mode	Internal, Manual, External		
Data records	Excel plug-in will provide test results into Excel 2010 version		
Other	Power Consumption: Temperature 10 $^{\circ}$ C ~ 40 $^{\circ}$ C 、Humidity 10% ~ 90% RH Operation Environment: 100 VA max. Power: 115/230 V $\pm 10\%$, 50/60 Hz Dimensions : 380(W) x 170(H) x 360(D) mm Weight: Approx. 9 kg		
Fittings	Fx72-0101 Turn Ratio Test clips (Standard) 	Fx60-0102 SMD Test Tweezers (Option) 	Fx60-0201 Double-Sided Test Box (Option) 