



DELTA UNITED

L.C.R.Z. Meter
20Hz~200KHz

Applied Features

- Passive component Measurement: Inductance, Capacitance, Resistance, Transformer coil.
- Auto / Manual connecting measurement with option accessories

Features

- Measurement frequency: 20Hz-200KHz, accuracy: 0.02%
- Basic measurement accuracy: 0.1%
- 5 resistance output mode selectable
- 4 measurement fixture, accurate measurement value
- 100 sets of inner meter settings for storage and calling
- Super large 640*480 LCD display
- Main function selection with dot-matrix prompt
- Flexible digital operation keyboard
- Super extendable interface

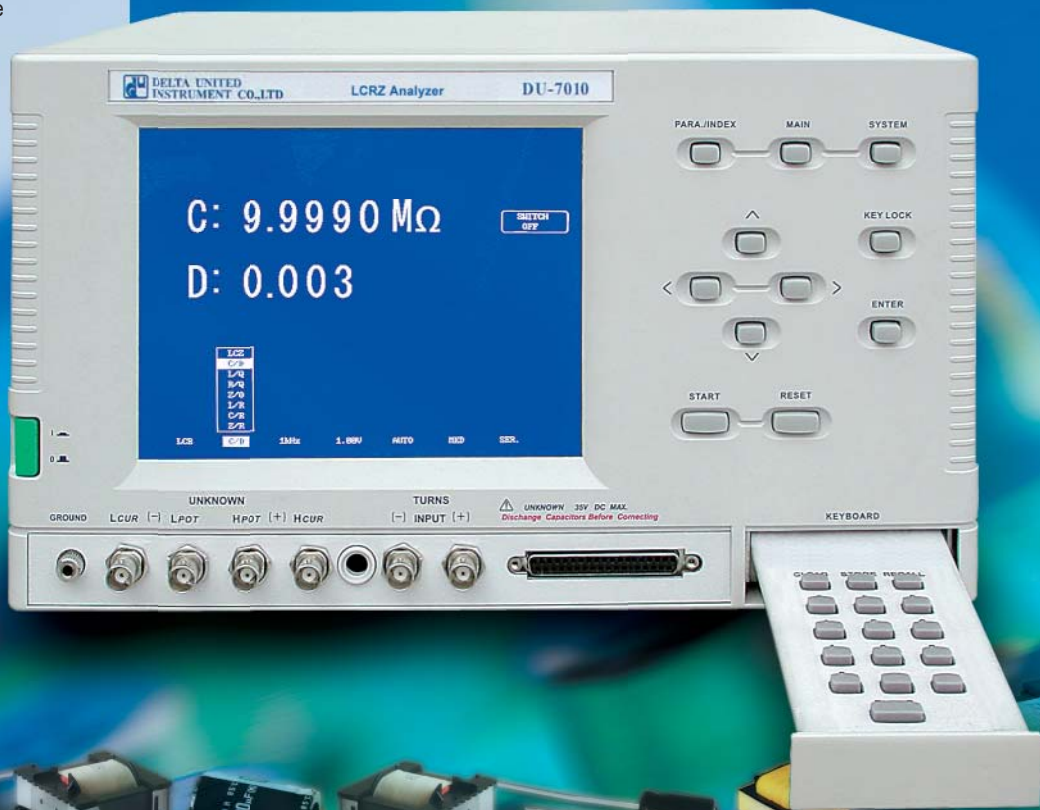
DU-7010 LCRZ Analyzer

Auto scan measurement can improve efficiency substantially
It's suitable for passive component production and R&D

Single parameter measurement:
L, C, R, Z, DCR, Q, D, θ ,
Turn Ratio, Turn, Phase,



Transformer's auto scan measurement can improve efficiency substantially



LCRZ Analyzer



DELTA UNITED

Order Information

■ DU-7010 L.C.R.Z. Analyzer

Standard Fittings

■ Fx70-0101 Turn Ratio Test clips

■ Fx60-0101 LCR Test clips

Option Accessories

■ Fx60-0102 SMD Test Tweezers

■ Fx60-0103 High Frequency Test Cable

■ Fx60-0201 Double-Sided Test Box

■ Fx60-0202 SMD test box

■ Fx60-0203 One-sided Test box

■ Fx60-0301 SMD test bat

■ Cr70-GP00 GP-IB Interface

■ Cr70-HD00 Handler Interface

■ Cr70-RS00 RS-232 Interface

■ Cr70-PR00 Printer Interface

■ Of70-ME00 100 sets of memory

■ Of70-DC01 1A Bias current

■ Of70-BN01 10 points of sorting comparator

■ Of70-DS20 20 points of bias inductance tes



Fx70-0101
Turn Ratio Test clips

Fx60-0101
LCR Test clips



Fx60-0103
High Frequency Test Cable

Fx60-0102
SMD Test Tweezers



Fx60-0301
SMD test bat

Fx60-0201
Double-Sided Test Box

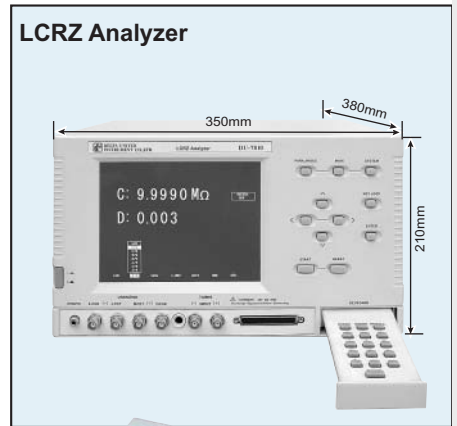
Fx60-0202
SMD test box

Fx60-0203
One-sided Test box

Specifications

Model	DU-7010
Parameter	L、C、R、Z、DCR、Q、D、θ、 Turn Ratio、Phase、Turn Balance
Voltage	Turn Ratio : 0.1V ~ 10V, ±10% , Resolution : 10mV Other : 0.01V ~ 2.5 V, ±10% , Resolution : 10mV
Frequency	Turn Ratio :1KHz ~ 200KHz, ± 0.02% Other :20Hz ~ 200KHz, ± 0.02%
Output	Turn Ratio :
Impedance	10Ω , ±5% , when level < 2V, 50Ω , ±5% when level > 2V Other : Mode 1... 100Ω, ±5% Mode 2... Varies as range resistor, ±5% Mode 3... 25Ω, ±5% Mode 4... 50Ω, ±5%
Measurement Range	L、LK : 0.0001 mH ~ 1999.9H C : 0.0001 pF ~ 199.99 mF Q : 0.01 ~ 1999.9 Z、R : 0.0001 Ω ~ 99.999 MΩ D : 0.0001 ~ 9.999 DCR : 0.01 mΩ ~ 99.999 MΩ θ : -90.00 ° ~ +90.00 ° Pin Short : 4 ports, each port 11 pairs, between pin to pin Turn : 0.01 ~ 1999.9 turns (Secondary voltage less than 100Vrms)
Accuracy	Turn Ratio : ±0.5% , at 1KHz θ : 0.03 ° , at 1KHz D : 0.0005 , at 1KHz Other : ± 0.1% (1KHz if AC parameter)
Test Time	Turn Ratio : 125 ms , (Fast test) Other : 65 ms , (Fast test)
Judgment	PASS / FAIL judgment of all test parameters standard I / O interface 10 bins for sorting & bin sum count output from optional Handler interface PASS / FAIL judgment output from standard I / O interface

Display	640 x 480 dot-matrix LCD display
Adjustment	Open/Short zeroing, Load correction, Load calibration
Memory	100 memory for setup , expansion is (option) possible via memory store interface
Test Circuit	Series、Parallel
Trigger Mode	Internal、Manual、External
Others	Operation Environment : Temperature 10 °C ~ 40 °C , Humidity 10% ~ 90% RH Power Consumption : 160VA max. Power Requirement : 90 ~ 125 Vac / 190 ~ 250 Vac, 48 ~ 62Hz Weight : Approx. 10kg Dimension (WxHxD) : 350 x 210 x 380 mm



If all product specifications change and upgrade in websites

<http://www.deltaunited.com.tw>