



DELTA UNITED

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

Applied Features

- RJ45 Connector measurement judgement can extend to 80Ch measurement capacity.
- Fixture of all dimension can be custom-made.
- Assistant keyboard can simplify operation setting
- Super large LCD display is clearer and more convenient
- Super extendable interface

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

Passive Component Test

DU-7012 Multi-Channel RJ45 Connector Tester

Multi-channel RJ45 connector tester can improve efficiency substantially

RJ45 connector tester measurement:
L , Q , Leakage L , ACR , Cp ,
DCR , Pin Short , Balance,
Turn Ratio , Phase , Turn



It can extend to 80Ch





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Composing

- DU-7012 Tester
- DU-7002 Extendable Scan Box 20Ch Std

Order Information

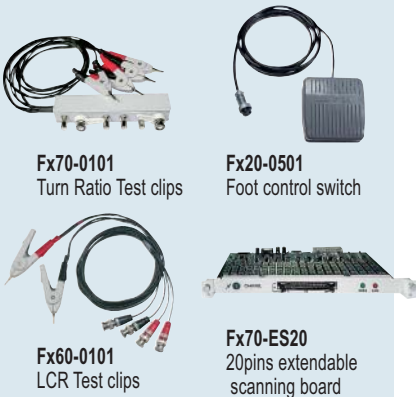
- DU-7012 Multi-Channel RJ45 Connector Tester
- DU-7002 Extendable Scan Box 20Ch Std

Standard Fittings

- Fx70-0101 Turn Ratio Test clips
- Fx60-0101 LCR Test clips
- Fx20-0501 Foot control switch
- Fx70-0601 Connector cable

Option Accessories

- Fx70-ES20 20pins extendable scanning board
- Fx70-0401 Fixture
- 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



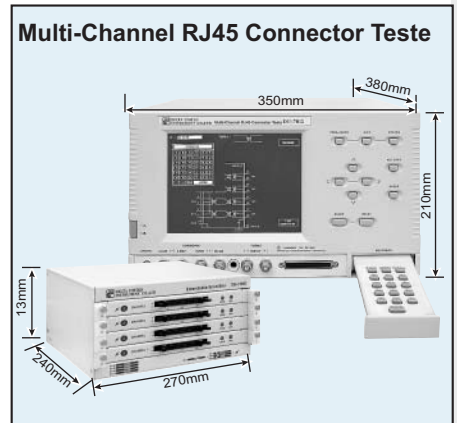
Specifications

| | |
|--------------------------|---|
| Model | DU-7012 |
| Parameter | Turn Ratio , Phase , L , Q , Leakage L , ACR , Cp , DCR , Zx , Pin Short , 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 Impedance | Turn Ratio : 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 : 125ms , (Fast test) Other : 65ms , (Fast test) |
| Judgment | PASS / FAIL judgment of all test parameters 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 (option) | 100 memory for setup , expansion is 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 |

| | |
|---------------------|--|
| Model | DU-7002 |
| Test Point | 20 pins Multi-Channel Scan Box (Can expand to 80 pins) |
| Trigger Mode | 4 - terminal contact |
| Control mode | START/RESET button |
| Pilot Lamp | GO/NG Port 1 , 2 , 3 , 4 |
| Control | START/RESET , |
| Signal | D-type 9 pin connector |
| Environment | Temperature 10°C ~ 40°C \ Humidity 10% ~ 90% RH |
| Weight | Approx. 3.5kg |
| Dimension | 270(W)x130(H)x240(D)mm |



Multi-Channel RJ45 Connector Tester