



DELTA UNITED

# High Extendable Programmable LCRZ Meter

## DU-6021 / DU-6022 40Hz~200KHz

### L.C.R.Z. Meter

40Hz~200KHz

#### Applied Features

- Large LCD Display Window for Setups and Test Values
- Easy Test Condition Setting with Auto Parameter Selection & Auto Ranging Function
- Easy Manual Driven with Cursor Guiding Operation Mode
- Backup Battery Function can Recall Test Parameter Setting before Power Off
- Wide Measuring Range & High accuracy  $\pm 0.1\%$
- Zeroing Offset Function
- High Measurement Rate: 75ms
- Various available options

#### Order Information

- DU-6021 Programmable LCRZ Meter
- DU-6022 Programmable LCRZ Meter

#### Standard Fittings

- 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
- Cr60-GP00 GP-IB interface
- Cr60-HD00 Handler interface
- Cr60-RS00 RS-232 interface
- Cr60-PR00 Printer interface
- Of60-ME00 100 sets of memory
- Of60-LS00 Many to scan and test frequently
- Of60-BN00 Sorting comparator
- Of60-JU00 Judgement comparator



Fx60-0101  
LCR Test clips



Fx60-0102  
SMD Test Tweezers



Fx60-0103  
High Frequency Test Cable



HANDLER MEMORY  
PRINTER RS232 GPIB



#### Specifications

Model	DU-6021 / DU-6022
Parameter	L.C.R.Z.Q.D.ESR. $\theta$
Test Voltage	0.1V, 0.25V, 0.3V, 0.5V, 1V rms Selectable 0.01V~2.55V rms programmable, 10mV/step
Frequencies	<b>DU-6021</b> 100Hz, 120Hz, 1K, 10K, 100KHz and 40Hz~200KHz, 30 Points Selectable <b>DU-6022</b> 100Hz, 120Hz, 1K, 10K, 100KHz Selectable, 40Hz~200KHz programmable, 1~10Hz
Display	Display LCD display, 4 1/2 digits
Trigger Mode	Internal, External, Fuzzy
Measurement Range	L : 0.001 $\mu$ H ~ 1999.9H C : 0.001 pF ~ 199.99mF R : 0.1 m $\Omega$ ~ 19.999 M $\Omega$ Z : 0.1 m $\Omega$ ~ 199.99 M $\Omega$ Q : 0.01 ~ 1999.9 D : 0.0001 ~ 19.999 ESR : 0.1 m $\Omega$ ~ 19.999 M $\Omega$ $\theta$ : -180° ~ +180°
Measurement Accuracy	Basic accuracy: $\pm 0.1\%$
Measurement Rate	Slow: 400ms, Medium: 180ms, Fast: 75ms
Function	Auto parameter selection, Auto ranging, Zeroing calibration

Battery backup	Measurement status: parameter, test voltage, test frequency, test circuit (ser. / par.)...
External DC bias	0-35 Vdc
Accessories	Test clips, Power cord, Operation manual, Certificate of calibration
Power	115 / 230 V $\pm 10\%$ , 50/60 Hz
Dimensions	360(W) x 110(H) x 350(D) mm
Weight	4.8 kg
<b>Option Accessories</b>	
Interface	<b>Cr60-GP00</b> GP-IB interface <b>Cr60-HD00</b> Handler interface <b>Cr60-RS00</b> RS-232 interface <b>Cr60-PR00</b> Printer interface
Comparator	<b>Of60-BN00</b> Sorting comparator Reference value & HI-LO Limits setting by BIN NO. or STEPS mode, Limit of Q. D. R. $\theta$ Value, 10 BIN for sorting & BIN SUM count. <b>Of60-JU00</b> Judgement comparator Reference value & HI-LO Limits setting, Limit of Q. D. R Value, GO/NG Judgement & indication with alarm.
Memory	<b>Of60-ME00</b> 100 sets of memory
Fixture	Test clips, test box, SMD test tweezers, SMD test bat, SMD test box



Fx60-0201  
Double-Sided Test Box



Fx60-0202  
SMD test box



Fx60-0203  
SMD test box

If all product specifications change and upgrade in websites

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

DU-6021/DU-6022

Passive Component Test

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