



DELTA UNITED

Capacity Leakage Current Meter 0.1V~650V

Applied Features

- Digital display with high accuracy
- Hi / Lo current limit setting & PASS / FAIL judgment
- Current range display: 200.00nA ~ 20.00mA
- Automatic or Manual trigger with CHARGE / TEST / DISCHARGE
- Execution times are programmable
- 240 x 64 dot-matrix LCD display

Order Information

- DU-2310 Programmable Leakage Current Meter
- DU-2311 Programmable Leakage Current Meter

Standard Fittings

- Fx23-0101 Test Clips (Red)
- Fx23-0102 Test Clips (Black)

Option Accessories

- Fx23-0201 Double-Sided Test Box
- Fx23-0401 Trilateral Test Fixture
- Cr23-GP00 GP-IB Interface
- Cr23-RS00 RS-232 Interface
- Cr23-PR00 Printer Interface
- Of23-ME00 100 sets of memory



Fx23-0101
Test Clips (Red)



Fx23-0102
Test Clips (Black)



Fx23-0201
Double-Sided Test Bo



Fx23-0401
Trilateral Test Fixture



If all product specifications change and upgrade in websites

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

Programmable Leakage Current Meter

DU-2310 / DU-2311 0.1V~650Vdc



Specifications

Model	DU-2310/ DU-2311
Output Voltage	DU-2310: 0.1V ~ 500Vdc DU-2311: 0.1V ~ 650Vdc
Voltage Accuracy	4 digits, $\pm 0.3\% + 5V$
Voltmeter Accuracy	4 digits, $\pm 0.3\% + 5$ digits
Output Current	DU-2310: 150 mA Max. DU-2311: 1mA~150mA programmable
Current Range	DU-2310: 2 μ A, 20 μ A, 200 μ A, 2mA, 20mA, 5 Ranges full scale DU-2311: 200nA, 2 μ A, 20 μ A, 200 μ A, 2mA, 20mA, 6 Ranges full scale
Current Meter	DU-2310: 3 1/2 Digits
Display	DU-2311: 4 1/2 Digits
Current Meter Accuracy	DU-2310: $\pm 0.3\% + 2$ digits DU-2311: $\pm 0.3\% + 5$ digits
Timekeeper	DISCHARGE: 1 ~ 999 TEST: 1 ~ 999 DISCHARGE: 1 ~ 99
PASS/FAIL Judgment	High-Limit Setting: When the capacity leakage current over this setting the judgment will show FAIL.
Judgment Result	FAIL displayer show and alarm
Auto Test	CHARGE – TEST – DISCHARGE (Auto Test cycle)
Ambient Temperature and Relative Humidity	
Specification range	5 to 35°C (41 to 95°F), 20 to 80% RH.
Operable range	0 to 40°C (32 to 104°F), 20 to 80% RH.
Storage range	-20 to 70°C (- 4 to 158°F), $\leq 80\%$ RH.

Other Functions

Display	240 x 64 dot-matrix LCD, CFL back light display
Data Hold	YES
Judgment Result Display	PASS / FAIL and alarm
Power Requirements	
Line Voltage	115V / 230Vac
Frequency	50 or 60 Hz
Power	When no-load: < 50VA,
Consumption	When with Rated Load: >100VA
Insulation Resistance	
	$\geq 30M\Omega$ with 500V DC
Withstanding Voltage	
	1000V AC, for 1 minute
General	
Dimension	365(W) x 105(H) x 350(D) mm.
Weight	11KG
Accessories	Operation Manual, Power cord, 3P-2P Adapter plug, 2310 test clips with 80cm, 2A fuse/fast blow (in fuse holder), Certificate of calibration
Options Accessory	
Fixture	Double-sided Test Box, Trilateral test fixture
Function	Of23-ME00 : 100 sets of memory
Interface	Cr23-GP00 : GP-IB Interface Cr23-RS00 : RS-232 Interface Cr23-PR00 : Printer Interface