



KEY FEATURES

- Electrolytic capacitor leakage current test function
- Insulation Resistance (IR) test function
- Constant current DC power source with discharge function
- Forward voltage function for Diode, LED, Zener Diode and Varistor
- Surge voltage test function for electrolytic capacitor (JIS C5101/5102/5140/5141)
- Option contact check function to improve test reliability
- Basic accuracy: 0.3%
- Aluminum-foil withstand voltage and rise-time test function (For EIAJ RC-2364A)
- Precision low constant current charge capability (0.5mA ± 0.05mA, meet EIAJ RC-2364A requirement for withstand voltage testing of lower WV aluminum-foil)
- Large charge current (500mA) capability to fasten charge speed
- 1.0V ~ 650V / 800V DC voltage source

- 0.001µA - 20.00mA leakage current test range with 4 digits resolution
- Standard RS-232 interface
- Optional GPIB & Handler interface
- Digital timer inside
- Comparator and pass/fail alarming beeper function
- Large LCD display (240 x 64 dot-matrix)
- Friendly user interface
- Easy use graphic user interface : softpanel (Option)

The Chroma 11200 Capacitor Leakage Current/IR Meter is Chroma's newest digital leakage current meter. Provides DC 1~650 V, 0.5mA~500mA (150mA for V>100V) DC power source or DC 1~800V, 0.5mA~500mA (50mA for V>100V) DC power source. Mainly used for electrolytic capacitor leakage current testing, and aluminum-foil withstand voltage testing (EIAJ RC-2364A). And also can be used for active voltage checking or leakage current testing of absorber, Zener diode, and Neon lamp etc.

Contact failure between a DUT and the measurement plane of an automatic component handler is a factor for compare error in production line testing. Contact check using the built-in measurement function (option) improves the accuracy and efficiency of comparing.

Standard RS-232 interface, optional GPIB & Handler interface, high speed and stable measurement capabilities enable the Chroma 11200 can be used for both component evaluation on the production line and fundamental leakage current testing for bench-top applications.

ORDERING INFORMATION

- 11200** : Capacitor Leakage Current / IR Meter 650V
- 11200** : Capacitor Leakage Current / IR Meter 800V
- 11200** : Capacitor Leakage Current / IR Meter with contact check function 650V
- A110235** : GPIB & Handler Interface
- A110236** : 19" Rack Mounting Kit
- A112001** : Triangle Test Fixture
- A112004** : Softpanel for Model 11200



A112004 : Softpanel of Model 11200

SPECIFICATIONS		11200 (650V)	11200 (800V)
Model		11200 (650V)	
Main Function		Capacitor Leakage Current / IR Meter	
Test Parameter		LC, IR	
Test Signals Information			
Voltage		1.0 V~100 V, step 0.1 V; 101V~650 V, step 1V; ± (0.5% + 0.2V)	1.0 V~100 V, step 0.1 V; 101V~800V, step 1V; ± (0.5% + 0.2V)
Charge Current Limit		V ≤ 100V: 0.5mA~500mA, 50W max. V > 100V: 0.5mA~150mA, 97.5W max. step 0.5mA; ± (3% + 0.05mA)	V ≤ 100V: 0.5mA~500mA, 50W max. V > 100V: 0.5mA~50mA, 40W max. step 0.5mA; ± (3% + 0.05mA)
Measurement Display Range		LC : 0.001µA~20.00mA	
Basic Measurement Accuracy *1		LC Reading : ± (0.3% + 0.005µA)	
Measurement speed	Fast	77 ms	
(Ext. Trigger, Hold Range, Line Frequency 60Hz)	Medium	143 ms	
	Slow	420 ms	
Function			
Correction		Null zeroing	
Test Voltage Monitor		Vm: 0.0 V~660.0V; ± (0.2% of reading + 0.1V)	Vm: 0.0 V~900.0V; ± (0.2% of reading + 0.1V)
Charge Timer		0~999 sec.	
Dwell Timer		0.2~999 sec.	
Foil WV Tester			
Test Parameter		Tr (Rise Time), Vt (Foil Withstand Voltage)	
Test Signals	Voltage Limit	650 V typical	800V typical
	Constant Charge Current	0.5mA~150mA, step 0.5mA; ± (3% of reading + 0.05mA)	0.5mA~50mA, step 0.5mA; ± (3% of reading + 0.05mA)
Test Display Range	Tr (Rise Time)	0.05~600.0 sec.	
	Charge Voltage	0.1V~660.0V	0.1V~900.0V
Test Time		30~600 sec.	
Interface		RS-232(Standard), Handler, GPIB (Optional)	
Display		240 x 64 dot-matrix LCD display	
Trigger		Internal, External, Manual, BUS	
General			
Operation Environment		Temperature : 10°C~40°C Humidity : < 90 % RH	
Power Consumption		400 VA max.	
Power Requirement		90 ~ 132Vac or 180 ~ 264Vac, 47 ~ 63Hz	
Dimension (H x W x D)		100 x 320 x 346.1 mm / 3.94 x 12.6 x 13.63 inch	
Weight		8 kg / 17.62 lbs	

Note*1 : 23 ± 5°C after null correction. Refer to Operation Manual for detail measurement accuracy descriptions.