



## Capacitor Leakage Current/ IR Meter Model 11200

### KEY FEATURES

- Electrolytic capacitor leakage current test function
- Insulation Resistance (IR) test function
- 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



- 0.001uA - 20.00mA leakage current test range with 4 digits resolution
- Standard RS232 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. Standard RS232 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
- A110235** : GPIB & Handler Interface
- A112004** : Softpanel for Model 11200



**A112004** : Softpanel of Model 11200

SPECIFICATIONS		11200 (650V)	11200 (800V)
<b>Model</b>		11200 (650V)	
Main Function		Capacitor Leakage Current / IR Meter	
Test Parameter		LC, IR	
<b>Test Signals Information</b>			
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 V > 100V: 0.5mA-150mA, 65W 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 (Note)		LC Reading : ±(0.3% + 0.005µA)	
Measurement speed (Ext. Trigger, Hold Range, Line Frequency 60Hz)	Fast	77 ms	
	Medium	143 ms	
	Slow	420 ms	
<b>Function</b>			
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	
<b>Foil WV Tester</b>			
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	
<b>General</b>			
Operation Environment		Temperature : 10°C-40°C Humidity:< 90 % RH	
Power Consumption		400 VA max.	
Power Requirement		95-125Vac or 190-250Vac; 48 Hz-62 Hz	
Weight		Approx. 10 Kg	
Size (W x H x D)		320 x 115 x 350 mm	

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