



Chroma 19070 series are the smallest Hipot Testers currently available in the world. Its super mini size is easy to carry and the large LCD display is suitable for viewing measurement results. These sophisticated Hipot Testers are most applicable to safety test for electronic components.

### ORDERING INFORMATION

- 19071** : Hipot Tester (AC)
- 19073** : Hipot Tester (AC/DC/IR)
- A190701** : Remote Control Box
- A190702** : 40kV HV Test Probe
- A190704** : Start Switch
- A190706** : 19" Rack Mounting Kit for Model 19070 series
- A190708** : ARC Verification Fixture
- A190344** : HV Gun

### KEY FEATURES

- Compact size Hipot tester
- Three instruments in one: AC Hipot, DC Hipot, Insulation Resistance (19073)
- Open/Short Check (OSC)
- ARC detection (Flashover)
- Provide reliable and stable test results
- Storage of 10 Tests Setups with 60 Steps per setup
- Ground Fault Interrupt (GFI)



**A190701** : Remote Control Box



**A190702** : 40kV HV Test Probe

### SPECIFICATIONS

Model	19071	19073
Mode	ACV	ACV/DCV/IR
<b>Withstanding Voltage Test</b>		
Output Voltage	AC : 0.05 ~ 5kV	AC : 0.05 ~ 5kV, DC : 0.05 ~ 6kV
Load Regulation	1% + 5V	
Voltage Resolution	2V	
Voltage Accuracy	±(1% of reading+0.1% of full scale)	
Cutoff Current	AC : 0.1mA ~ 20mA	AC : 0.1mA ~ 20mA, DC : 0.01mA ~ 5mA
Current Resolution	AC : 1µA, DC : 0.1µA	
Current Accuracy	±(1% of reading+0.2% of range)	
Current Frequency	50Hz/ 60Hz	
Test Time	0.1 ~ 999 sec, continue	
Ramp up Time	0.1 ~ 999 sec, off	
Waveform	Sine wave	
<b>Insulation Resistance Test</b>		
Output Voltage	-	DC : 50 ~ 1000 V
Voltage Resolution	-	2V
Voltage Accuracy	-	5% + 5counts
Resistance Accuracy	-	≥ 500V : 1MΩ~2.5GΩ : ±(5% of reading + 2% of full scale) 2.2GΩ~50GΩ : ±(15% of reading + 1% of full scale) ≥ 500V : 0.1MΩ~250MΩ : ±(10% of reading + 2% of full scale) 0.22GΩ~50GΩ : ±(15% of reading + 1% of full scale)
<b>ARC Detection</b>		
Setting Mode	Programmable setting	
Detection Current	AC : 1mA ~ 15mA, DC : 1mA ~ 5mA	
<b>Secure Protection Function</b>		
Fast Output Cut-off	Approx. 0.4mS, after NG happen	
Fast Discharge	Approx. 0.2S, Typical	
Ground Fault Interrupt	0.5mA ± 0.25mAac (ON), OFF	
Continuity Check	0.1Ω ~ 5.0Ω ± 0.2Ω, GC MODE	
Panel Operation Lock	Yes	
<b>GO/NG Judgment Window</b>		
Indication, Alarm	GO: Short sound; NG: Long sound	
Data Hold	Least tests data memories	
Step Hold	Step signal trigger ON / OFF	
Memory Storage	10 tests setups with 60 steps pre setup	
<b>General</b>		
Operation Environment	Temperature: 0°C ~ 40 °C, Humidity: ≤ 80 % RH	
Power Consumption	No load : < 60 W, With rated load : ≤ 300 W	
Power Requirement	100V / 120V / 220V / 240V, 50 / 60 Hz	
Dimension (H x W x D)	105 x 272.8 x 350 mm / 4.13 x 10.74 x 13.78 inch	105 x 270 x 350 mm / 4.13 x 10.63 x 13.78 inch
Weight	11 kg / 24.23 lbs	
Certification	UL, TUV, CE	

Photovoltaic Test Equipment  
 Semiconductor/IC Test Equipment  
 LED Test Equipment  
 LCD/LCM Test Equipment  
 Video & Color Test Equipment  
 Optical Inspection Equipment  
 Power Electronics Test Equipment  
 Passive Components Test Instruments  
 Electrical Safety Test Instruments  
 General Purpose Test Instruments  
 PXI Instruments & Systems