

AC/DC/IR Hipot Tester

Model No. **9012**



- 50 internal instrument setups with 10 steps per setup
- Programmable voltage ramp time
- Standard RS-232 interface
- Optional GPIB, RS-422, SCANNER Interface



Programmable Auto Safety Tester Model 9012

KEY FEATURES

- 3 in 1 Tester : AC, DC, IR
- DC Output: 6kV / 20mA
- AC Output: 5kV / 100mA
- ARC detection (Flashover)
- Fast cut-off time : 0.4 ms, fast discharge time : within 0.2 sec.

The 9012 is a High Power Hipot Tester that combines AC Hipot, DC Hipot, and insulation resistance three functions to one. It has ARC detection and safety protection functions as well as 50 sets of memory with 10 steps in each to reduce the repetitive operation settings and enhance the test speed. Being useful to the fundamental components factory, SPS production and quality assurance, it is an economical and practical Hipot tester.

ORDERING INFORMATION

- 9012** : Programmable Auto Safety Tester
A190321 : GPIB Interface
A190506 : RS-422 Interface
A190507 : SCANNER Interface
A190702 : 40KV HV Test Probe
A190708 : ARC Verification Fixture
A190344 : HV Gun

SPECIFICATIONS	
Model	9012
Mode	AC/ DC/ IR
Withstanding Voltage Test	
Output Voltage	AC : 0.05 ~ 5kV, DC : 0.05 ~ 6kV
Load Regulation	1% + 5V
Voltage Resolution	2V
Voltage Accuracy	1% + 5 counts
Cutoff Current	AC : 100mA, DC : 20mA
Current Resolution	AC : 1 μ A , DC : 0.1 μ A
Current Accuracy	1% + 5 counts
Current Frequency	50Hz/ 60Hz
Test Time	0.3 ~ 999 sec, continue
Ramp up Time	0.1 ~ 999sec, off
Waveform	Sine wave
Insulation Resistance Test (Option)	
Output Voltage	DC : 0.05 ~ 1kV
Voltage Resolution	2V
Voltage Accuracy	5% + 5V
IR Range	1M Ω ~ 50 G Ω
Resistance Resolution	0.1M Ω
Resistance Accuracy	5% typical
ARC Detection (Flashover)	
Setting Mode	Programmable setting
Detection Current	3 ~ 100mA
Minimum Pulse Width	10 us approx.
Secure Protection Function	
Fast Output Cut-Off	0.4 ms after NG happen
Fast DC discharge	0.2 sec
Panel Operation Lock	Present password
Power on Data Rally	Yes
GO/NG Judgment	
Indication, Alarm	GO : short sound ; NG : long sound
Data Hold	Least tests data memories
Memory Storage	10 steps with 50 groups recall
Remote Connector	
Real Panel 9 pin D-type connector	Input : Start, Stop, Interlock(at 11 pin terminal block only); Output : Under test, Pass, Fail
General	
Operation Environment	Temperature: 0°C ~ 40 °C , Humidity: \leq 80 % RH
Power Consumption	No load $<$ 100 W, With rated load: \leq 650 W
Power Requirement	100V / 120V / 220V / 240V, 50 / 60 Hz
Dimension (H x W x D)	133 x 430 x 440 mm / 5.24 x 16.93 x 17.32 inch
Weight	30.5 kg / 67.18 lbs

Solar Cell Test Equipment
 Semiconductor/IC Test Equipment
 LED Test Equipment
 LCD/LCM Test Equipment
 Video & Color Test Equipment
 Optical Inspection Equipment
 Power Supply Test Equipment
 Passive Component Test Instruments
 Electrical Safety Test Instruments
 General Purpose Test Instruments
 PXI Instruments & Systems