

Rapid Safety tester

AC/DC Hipot/Insulation Resistance tester AN9632X(F)/AN9602X(F)/AN9605X(F)/AN9671X(F)



Main features

- ★ Latest international standard: Comply with CCC, IEC, EN, VDE, BS, UL, JIS standard requirements.
- ★ Voltage ramp up/down, satisfy latest industrial standard requirements
- ★ Breakdown current upper/lower limit setting, intelligent judgment, sound and light alarm
- ★ AC 50/60Hz output
- ★ Over voltage, over current protection, manual test wires compensation
- ★ VFD display, simple operation
- ★ Remote, RS232/485 interface
- ★ Satisfy low voltage distribution industry latest requirements.

Spec.

Technical Parameter	AN9602X(F) AC Hipot Tester	AN9605X(F) AC Hipot Tester	AN9632X(F) AC Hipot / IR Tester	AN9671X(F) IR Tester
Rated output	500VA (AC: 5kV/100mA)	100VA (AC: 5kV/20mA)		
Output voltage setting/Range	0.2kV~5.00kV AC 100mA, 10V/step	0.2kV~5.00kV AC, 10V/step		
Output voltage regulation	±(2.5% of setting+10V)			
Output voltage resolution/Accuracy	10V, ±(2.5% of setting+10V)			
Output frequency range	50Hz, 60Hz (Optional)			
Output waveform	Sine waveform, pure resistance, above 200V, distortion <5%			
Alarming limits setting	Upper/Lower Limit: 0.10~100.00mA, 0.01mA/step	Upper/Lower Limit: 0.10~20.00mA(0=disable), 0.01mA/step		
Breakdown current measurement range	0.100~3.499mA/3.50~100.00mA	0.100~3.499mA/3.50~20.00mA		
Breakdown current accuracy	±(2.5% of reading+5 counts)			
Ramp-up time setting range/Resolution	1.0~999.9s (0=disable) 0.1s/step			
Test time setting range/Resolution	1.0~999.9s (LLL=continues) 0.1s/step			
Test wire compensation	0~0.500mA, manual clear offset			
Output voltage setting/Range			100V~1000V DC 5V/step	
Output voltage resolution/Accuracy			1V, ±(3% of setting+5V)	
DC ripple			≤5% (1kV DC, <1mA, resistance load)	
Output voltage regulation			±(3% of setting+5V)	
Test time setting range			1.0~999.9s 0.1s/step (LLL= continues)	
Lower limit of insulation resistance			1~2000M	
Upper limit of insulation resistance			1~2000M (0=off)	
Insulation resistance range			1~2000M, auto switching	
Insulation resistance accuracy			500~1000V: ±(3% of reading+8 counts) 1~200M; ±(8% of reading+8 counts) 200~2000M Below 500V: ±(5% of reading+8 counts) 1~200M; ±(10% of reading+8 counts) 200~2000M	
Interface function	RS232(RS485 optional), Remote control(PLC)			
Dimension (W×H×D)	450×150×400mm		320×110×400mm	