



Performance Characteristics

- Three test functions can be selected: ACW, DCW, IR
- Large 128*64 Graphic LCD display
- The single machine can connect with 7305 earth impedance tester and meet the standard 19 inch instrument rack.
- 100 online tests can be carried out at the same time
- Built in 10 sets of program memory, each group of 3 test steps can carry out the link test of program memory steps.
- The speed of communication is fast, the baud rate is up to 19600
- The quick discharge function can discharge the electric energy on the tested object in 0.2 seconds to ensure the safety of personnel.
- Secure locking function
- Small size, light weight

- Anti high voltage electric shock function, it can interrupt output immediately when the body is touched by mistake.
- Open machine self detection function, It is possible to determine whether the test functions are normal before testing.
- Front panel software input correction
- Time and date setting, setting correction time and warning time to remind users
- Built in PLC Remote remote control interface
- Keyboard locking function

Application Computer peripherals, Household appliances, motor products, communication products, OA products, lighting products, small household appliances, lighting equipment, electronic zero components, transformers, motors, compressors, electric heating tubes, wires, cables, etc.

Technical Parameter

Model	Functional description		
JK7142	AC / DC voltage / insulation tester		
ACW	Rated output: 5KV AC/20mA		
	Range	Resolution	Precision
Output voltage KVAC	0-5.00	0.01	±(1.5% of Setting+5V)
Output frequency	50/60Hz Selectable		±100ppm
Output waveform	sine wave THP<2% crest factor		
Upper limit setting mA	0-20.00	0.01	±(1.5% of Setting+2dgts)
Lower limit setting mA	0-9.999	0.001	±(1.5% of Setting+2dgts)
IR	1000V/1000M		
Output voltage setting	0.01-1.00KV dc	0.01	±(1.5% of Setting+2V)
Voltage display	0.01-1.00KV dc	0.01	±(1.5% of Setting+1dgts)
High resistance display	9999MΩ		±(2% of Setting+2dgts) voltage >500Vdc
			±(5% of Setting+2dgts) voltage >500Vdc
Upper limit setting	0.1-99999MΩ(0=OFF)	1MΩ/Step	±(2% of Setting+2dgts) voltage >500Vdc
Lower limit setting	1-9999MΩ	1MΩ/Step	±(5% of Setting+2dgts) voltage >500Vdc
DCW	Rated output :6KV dc/7.5mA		
Output voltage KV dc	0-6.00	0.01	±(1.5% of Setting+5V)
Continuous wave	<5%d 6KVAdc/5mA Resistance load measurement		
Upper limit setting mA	0.00-7.5	0.01	±(1.5% of Setting+2dgts)
Lower limit setting mA	0.00-1	0.01	±(1.5% of Setting+2dgts)
Voltage Steady pressure rate	±(1% Set value+5V) Empty load to full load		
Ramp time sec	0.1-999.9	0.1	±(0.1% of +0.05Sec)
Test time sec	0.1-999.9	0.1	±(0.1% of +0.05Sec)
ARC Detector	0-9: 0=OFF		
PLC remote control	input: Test,Reset,Mermory1.2.3,Interlock output: Pass,Fail,Processing,Reset-Out		
Test failure alert	buzzer		
Size	280mm(W)*88mm(H)*275mm(D)		