

KINGSINE K5030 Protection Relay Test Set 10.4 Large LCD Screen



K50 series relay tester with latest technology, extremely design for your now and future use, with power PC software, unique features and functions helps you stand ahead of your competitors!

1. Adopts 10.4 large LCD screen, and provided with VGA video interface, making it available to connect to projector for training;
2. Unique power switch and amplifier technology, so the output precision and power efficiency and factor are increased, which conforms to international tendency of energy save and environmental protection;
3. With alarm function of housing grounding testing and external voltage input, to guaranty personal security;
4. Offer independent Aux. DC to tested devices, $0 \sim 300V/0.6A$ (Poleless and adjustable);
5. Two in one of meter and source, with function of both internal and external testing, self-calibration, oscillograph, and the duration of each oscillograph reaches 50S (optional function);
6. Function of transducer and energy meter testing (optional function);
7. Adopt Smart and stable Window CE embedded system. Windows has the advantage of small application program with fast speed, which overcomes the problem of bad stability, easy-damage hardware, and virus of Windows 98/2000/XP;
8. Use high-speed CF card as the storage, more stable, anti-shock compared with ordinary hardware, so works more reliable.

Technical Data of K5030

Voltage generators		
Setting	4-phase AC (L-N)	4 x 0 ... 130 V
Range	2-phase AC (L-L)	2 x 0 ... 260 V
Power	4-phase AC (L-N)	4 x 70VA, at 0 ... 130V
	2-phase AC (L-L)	2 x 110VA, at 0 ... 260V
Accuracy	<0.07% reading + 0.03% range guaranteed at 0-130V <0.04% reading + 0.01% range typical at 0-130V	
Resolution	1mV	
Current generators		
Setting	3-phase AC (L-N)	3 x 0 ... 30 A
Range	1-phase AC (2L-N)	1 x 0 ... 60 A
	1-phase AC (3L-N)	1 x 0 ... 90 A
Power	3-phase AC (L-N)	3x 250VA , at30A
	1-phase AC (2L-N)	1x 840VA, at60A
	1-phase AC (3L-N)	1 x 1000 VA, at ...90A(Max)
Accuracy	<0.07% reading + 0.03% range guaranteed at 0-30A <0.02% reading + 0.01% range typical at 0-30A	
Resolution	1mA	
Generators, general		
Frequency	Range	0 ... 1000 Hz
	Accuracy / drift	Error < 0.001Hz at 10 ... 65Hz, Error < 0.01Hz at 65Hz...450Hz Error < 0.02Hz at 450Hz...1000Hz
	Resolution	0.001Hz
Phase	Range	- 360° ... +360°
	Accuracy / drift	< 0.2 °
	Resolution	0.1°
Timer	Range	Infinite
	Accuracy / drift	1ms
DC generators		
Voltage ranges	0 ... 300V/110W	
Current ranges	0 ... 20A/200W	
Accuracy	<0.1% reading + 0.1% range guaranteed at 0....300V; <0.1% reading + 0.1% range guaranteed at 0....20V	
Resolution	1mA; 1 mV	
AuxDCSupply		
Range	0...300V/110W	
Binary inputs		
Number	4 pairs	
Compatible Voltage	0V ... 250V	
Binary outputs		
Number	4 Pairs	

Capacity	250V /3A (AC/DC)
Synchronization	
Synchronization mode	GPS
Harmonic	
Harmonic overlap times	2 ... 20 times
Power supply	
Nominal input voltage	85V...264V AC
Power	1200VA
Nominal frequency	47Hz....65Hz
Environmental conditions	
Operation temperature	-5°C ... 55 °C
Storage temperature	-20°C ... 75°C
Humidity range	5% ... 95 %, non-condensing
Weight	17.5KG
Dimensions	480(D)×190 (W)×360 (H) mm
Interface	RJ 45, USB
Display	10.4 inches TFT true color LCD