

KINGSINE K5063i RJ 45, USB Protection Relay Test Set



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.

Main specifications:

Voltage generators		
Setting Range	4-phase AC (L-N)	4 x 0 ... 130 V
	2-phase AC (L-L)	2 x 0 ... 260 V
Power	4-phase AC (L-N)	4 x 70VA, at 0 ... 130 V
	2-phase AC (L-L)	2x 140VA, at 0 ... 260 V
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 Range	3-phase AC (L-N)	3 x 0 ... 30 A
	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)	3 x 150 VA , at 0 ... 30A Max 250VA, with the other current channels unload
	1-phase AC (2L - N)	1 x 300VA, at 0 ... 60A Max 450VA, with the other current channels unload
	1-phase AC (3L - N)	1 x 900 VA
Accuracy		<0.14% reading + 0.06% range guaranteed at 0-40A <0.05% reading + 0.02% range typical at 0-40A
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	Error < 0.2 °
	Resolution	0.1°
Time	Range	0 ... 999, 999.999s

	Accuracy / drift	Error<0.1ms
	Resolution	1ms
DC generators		
Voltage ranges		0 ... 300V/180VA
Current ranges		0 ... 20A/300W
Accuracy		Error<0.1% reading + 0.1% range guaranteed at 0...300 V; Error <0.1% reading + 0.1% range guaranteed at 0...20 A;
Resolution		1mA; 1 mV
Harmonic		
Harmonic superpose times		2 ... 20
Aux DC Supply		
Range		0... 300V 0.6A
Binary Inputs		
Number		8 pairs
Compatible Voltage		10V ... 250V DC
Binary outputs		
Number		4 Pairs
Capacity		250V/3A AC/DC
Synchronization		
Synchronization mode		GPS
Power supply		
Nominal input voltage		220V±10% VAC, 1-phase
Power		1000VA
Nominal frequency		50±10% Hz
Environmental conditions		
Operation temperature		-5°C ...55 °C
Storage temperature		-20°C ... 75 °C
Humidity range		5 ... 90 %, non-condensing
Weight		20KG
Dimensions		460(D)×140 (W)×360 (H) mm
Interface		RJ45 , USB, RS232, PS/2, VGA
PC Connection		RJ45,

K10 Series Protection Relay Test Set:

Model	Channels	AC Outputs
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K1063i	10 output channels	6*30A/3*60A/4*300V
K1066i	13 output channels	6*30A/3*60A/7*300V
K1066	13 output channels	6*20A/3*40A/7*130V
K1066+	13 output channels,	6*30A/3*60A/7*130V
K1063	10 output channels	6*20A/3*40A/4*130V
K1036	10 output channels	3*40A/7*130V
K1040	7 output channels	3*40A/4*130V
K1030	7 output channels	3*30A/4*130V