

KINGSINE K1040i AC Protection Relay Test Set



With microprocessor& LCD screen, no matter you are doing in -house or field testing, Laptop is unnecessary .Besides, the powerful & complete software helps you more easy!

1. Adopts 6.4 large LCD screen, and provided with VGA video interface, making it available to connect to projector for training;
2. With alarm function of housing grounding testing and external voltage input, to guaranty personal security;
3. Offer independent Aux. DC to tested devices, 0 ~ 300V/0.6A(Poleless and adjustable);
4. 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);
5. Function of transducer and energy meter testing (optional function);
6. 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;

7. 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 ... 300 V
	2-phase AC (L-L)	2 x 0 ... 600 V
Power	4-phase AC (L-N)	4 x 110VA, at 0 ... 300 V
	2-phase AC (L-L)	2 x 220VA, at 0 ... 600 V
Accuracy		<0.07% reading + 0.03% range guaranteed at 0-300V <0.04% reading + 0.01% range typical at 0-300V
Resolution		1mV
Current generators		
Setting Range	3-phase AC (L-N)	3 x 0 ... 40 A
	1-phase AC (2L N)	1 x 0 ... 80 A
	1-phase AC (3L-N)	1 x 0 ... 120 A
Power	3-phase AC (L-N)	3 x 150 VA , at 0 ... 40A Max 250VA, with the other current channels unload
	1-phase AC (2L N)	1 x 300VA, at 0 ... 80A 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/150VA
	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
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