



Features

- Auto/Manual test on all its five test modules: DC Test, AC Test, Distance Test, Harmonic Test, Frequency Protection.
- Phase, Frequency and Amplitude are independently and continuously adjustable.
- All-in-One Design: With built in Window CE System, rotary encoder, panel keyboard & 6.4 inch TFT LCD (RJ45/USB for update & upload)
- High Power: 3X450VA at 0...35A for Medium voltage level test.
- High Precision: 0.05% reading +0.02% range guaranteed at 0-35A & 0.07% reading +0.03% range guaranteed at 0-130V.
- Reliability: Complete self-protection & alarm indication against wrong-wiring, open/short circuit, overload, unexpected import of external input source etc...
- Field testing Convenience: The equipment can be Vertically or Horizontally for field testing

Technical Data

Voltage Generators (Overload and Short Protection)		
Setting	4-Phase AC (L-N)	4 x 0 ... 130 V
Range	1-Phase AC (L-L)	1 x 0 ... 260 V
Power	4-Phase AC (L-N)	4 x 70VA at 0 ... 130 V
	1-Phase AC (L-L)	1 x 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 (Overcurrent Protection)		
Setting	3-Phase AC (L-N)	3 x 0 ... 35 A
Range	1-Phase AC (3L-N)	1 x 0 ... 105 A
Power	3-Phase AC (L-N)	1 x 450 VA at 0 ... 35 A
	1-Phase AC (3L-N)	1 x 900 VA at 0 ... 105 A
Accuracy	<0.14% reading + 0.06% range guaranteed at 0 ... 35 A	
	<0.05% reading + 0.02% range typical at 0...35A	
Resolution	1mA	
Generator, general		
Voltage and Current Synchronism		≤ 10 μs
Frequency	Range	0 ... 1000 Hz
	Accuracy / drift	<0.001Hz at 10... 450Hz <0.01Hz at 450... 1000Hz
	Orders	2 ... 9
	Resolution	0.001Hz
Phase	Range	-360° ... 360°
	Accuracy / drift	< 0.2°
	Resolution	0.1
Time	Range	0 ... 9999.999 s
	Accuracy / drift	1ms

DC generators (Over-Load Protection)	
Voltage Range	0...300 V/180W
Current Range	0...20A/300W (60A / 3L - N)
Accuracy	< 0.2%
Resolution	1mA; 1mV
Aux DC Supply	
Range	220V/110V/0.5A
Accuracy	< 0.5%
Binary Inputs	
Number	8 Pairs
Range	10V...250V/2A
Binary Outputs	
Number	4 Pairs
Range	DC-250V/3A, AC-250V/3A
Power Supply	
Nominal Input Voltage	220V±20% VAC
Power	1000VA
Nominal Frequency	50/60 Hz ±10%
Environmental Conditions	
Working Temperature	-5 °C ... 55 °C
Storage Temperature	-20 °C ... 75 °C
Other	
Safety	IEC61010-1
Weight	24KG
Dimensions	360 x 140 x 460 (mm)
PC Connection	Rj45, USB