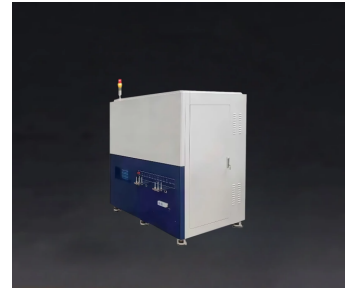


HF-WC-613

Three Phase Line Fitting Heat Cycle Test System



This Three Phase Line Fitting Heat Cycle Test System detects DC resistance, temperature rise and thermal cycling performance of copper and aluminum cables. With 24 measuring points and 1000A max output current, it has touch control, automatic test judgment, data export and complete safety protection functions.

Key features

- Three-phase simultaneous testing
- Total measuring points: 24
- Temperature gear setting: one gear per 70°C, one gear per 90°C. (The customer requires the maximum output current of the equipment to reach 1000 A.)
- Large-screen liquid crystal display for all data including current, resistance, temperature, time, status and prompt information; clear readings with excellent visibility.
- Full Chinese interface with simple operation, adaptable to various application scenarios.

Technical specifications

Parameter	Value
Test specimens	cables made of copper and aluminum; length ranging from 10 m to 15 m, maximum cross-sectional area: 240 mm ²
Total measuring points	24
Temperature gear setting	one gear per 70°C, one gear per 90°C. (The customer requires the maximum output current of the equipment to reach 1000 A.)
Customizable test duration	adjustable from 1 second to 999 hours.
Power Supply	Three-phase four-wire 220V ±10%, 50Hz ±1 Hz
Input Current	≥24 A
Rated Capacity	10 kVA × 3
Output Voltage	AC 0 ~ 10 V
Output Current	Continuous uninterrupted operation, AC 10 ~ 1000 A
Voltage Measurement Accuracy	0.5% FS ± 3 digits
Current Measurement Accuracy	0.5% FS ± 3 digits
Timing Range	1 second ~ 9999.99 hours
Measuring Channels	24 paths

Standard scope of supply

No.	Item	Qty	Notes
1	Main Test Host	1 Set	
2	High Current Output Cables	6 Piece	
3	Temperature Measuring Wires	24 Piece	
4	Temperature Sensors	24 Piece	
5	Power Input Cable	1 Piece	
6	USB Flash Drive	1 Piece	
7	Operation Manual	1 Copy	

No.	Item	Qty	Notes
8	Factory Calibration Certificate	1 Copy	
9	Inspection Report	1 Copy	
10	Emergency Stop Button Accessory	1 Set	
11	Portable Protective Carrying Case	1 Set	
12	Optional: Voltage & Current Phase Tester	1 Set	

Compliance and documents

Applicable standards	[TO BE CONFIRMED] standard applied to this model
Calibration certificate	[TO BE CONFIRMED]
Optional accessories	[TO BE CONFIRMED]

Warranty and support

12-month warranty on every exported instrument. English operation manual and remote video guidance at commissioning. T/T, L/C at sight and deposit terms for bulk orders; sea, air or rail shipping.