

HF-WC-612

Single Phase Line Fitting Heat Cycle Test System



This Single Phase Line Fitting Heat Cycle Test System is designed for testing DC resistance, temperature rise and thermal cycling performance of power fittings. Supporting 10-3000A long-term current output and 24-channel temperature measurement, it adopts automatic and manual dual modes, fully compliant with IEC and GB industry standards.

Key features

- Large-screen LCD displays current, resistance, temperature, time, operating status and prompt data with clear, intuitive readings.
- Full Chinese graphical interface with simple operation, applicable to various working occasions.
- Full touchscreen operation, straightforward, fast and easy to master.
- Fully digital calibration replaces outdated potentiometer adjustment, offering convenient field use and precise accuracy control.
- Status reminder & guided operation; operators can proficiently run tests even without the user manual.

Technical specifications

Parameter	Value
Freely adjustable test time range	1 second ~ 999 hours.
Input Power Supply	3-phase 4-wire AC 380V±10%, 50Hz±1Hz
Input Current	≥ 132A
Rated Capacity	30kVA
Output Voltage	AC 0 ~ 10V
Continuous Output Current (uninterrupted long-time operation)	AC 10 ~ 3000A
Voltage Measurement Accuracy	0.5%FS ± 3 digits
Current Measurement Accuracy	0.5%FS ± 3 digits
Temperature Measurement	24-channel synchronous temperature acquisition

Standard scope of supply

No.	Item	Qty	Notes
Main Host Equipment	Single Phase Line Fitting Heat Cycle Test System (HZXS-3000A), with 7-inch Kunlun Tongtai touch screen, automatic and manual dual control modes	1 set	
Test Accessories	High-current test connecting cables	1 set	
24-channel temperature measuring sensors	1 set		

No.	Item	Qty	Notes
USB data export cable	1 pc		
Power input connecting wires	1 set		
Document Files	English user operation manual	1 copy	
Factory calibration test report	1 copy		
Product qualification certificate	1 copy		
Warranty card	1 copy		
Auxiliary Tools & Spare Parts	Installation and debugging tools	1 set	
Common spare fuses	Several		
Packaging Materials	Export-standard shockproof wooden case with moisture-proof and dust-proof packaging, suitable for long-distance sea and air transportation	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.