

HF-WC-629

Switch Contact Resistance Tester



Switch Contact Resistance Tester adopts DC four-wire testing method to accurately measure contact resistance of circuit breakers, disconnectors and high-voltage switches. It effectively detects contact oxidation, poor contact and loose joints, widely used for factory acceptance, substation commissioning and routine maintenance of power equipment.

Key features

- Large test current, meeting national standards for contact resistance testing.
- High output voltage with complete measuring range.
- High-precision high-current constant current source, no manual adjustment required, enabling rapid and accurate measurement.
- Four-terminal wiring method effectively eliminates the influence of test lead resistance on measuring results.
- Fast testing speed with high measurement precision and stability.

Technical specifications

Parameter	Value
Test Current	4 selectable gears: 50A / 100A / 150A / 200A
Measuring Range	0 ~ 50mohm
Resolution	Minimum 0.1uohm
Accuracy	±(0.5%FS + 2 digits)
Measurement Mode	Quick / Timed measurement (Quick: 2s, 4s, 6s)
Working Power Supply	AC220V±10%, 50Hz
Operating Temperature	-10 ~ 40°C
Relative Humidity	≤80%, no condensation

Standard scope of supply

No.	Item	Qty	Notes
HF-WC-629 Switch Contact Resistance Tester Main Unit	1	1 Pc	
High Current Test Cables & Clamps	1	1 Set	
AC Power Cord	1	1 Pc	

No.	Item	Qty	Notes
Operation Manual (Chinese & English)	1	1 Copy	
Factory Calibration Certificate	1	1 Copy	
Export Protective Foam & Carton	1	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.