

HF-WC-634

Disconnecter Contact Force Tester



Disconnecter Contact Force Tester is dedicated to measuring contact force of high-voltage disconnectors. It accurately assesses contact engagement status, discovering hidden risks of insufficient pressure. Widely used for substation maintenance, it effectively prevents overheating faults triggered by poor contact in power distribution systems.

Key features

- Probe tilted or not fully seated inside contact fingers;
- Oxidation, dirt or burrs on contact surface;
- Loose sensor cable connector;
- Damaged contact spring with irregular deformation. Clean contacts, reposition probe and check wiring before retest.
- Probe gap mismatched with actual contact gap;

Technical specifications

Parameter	Value
a. Power Supply	AC 220V
b. Power Dissipation	≤20W
c. Measuring Range	Sensor A ≤980 N; Sensor B ≤2000 N
d. Measuring Error	±1%FS
e. Communication	USB or RS232 serial port
f. Working Power	24V lithium battery; Charging source: AC220V±10%, 50Hz
g. Max. Storage	20,000 sets of disconnector test data
h. Working Environment	Temperature: -10°C ~ 40°C; Humidity ≤80%RH

Standard scope of supply

No.	Item	Qty	Notes
Main Unit of Disconnector Contact Force Tester	1	1 Pc	
Force Sensor A (≤980N)	1	1 Set	
Force Sensor B (≤2000N)	1	1 Set	
Test Connection Cables	1	1 Set	

No.	Item	Qty	Notes
AC Charging Power Cord	1	1 Pc	
USB & RS232 Communication Cable	1	1 Pc	
English & Chinese Operation Manual	1	1 Copy	
Factory Calibration Certificate	1	1 Copy	
Hard Transport Case with Shockproof Foam	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.