

HF-WC-602

Handheld Contact Resistance Tester



This lightweight Handheld Contact Resistance Tester adopts the four-wire Kelvin testing method. It delivers accurate micro-ohm resistance readings for circuit breaker contacts, boasting portable design, simple operation and ideal for on-site power maintenance work.

Key features

- Equipped with a 7-inch high-brightness color LCD screen with clear display and user-friendly HMI; readable clearly even under direct sunlight.
- Controlled by high-speed main controller chip, delivering high automation level and ultra-simple operation procedures.
- Maximum output test current up to 100A, featuring rapid testing speed and superior measurement accuracy.
- Comprehensive multi-protection system: overcurrent protection, short-circuit protection and overheating protection.
- Overheat Protection: Safeguards rechargeable battery and power components; protection threshold: 70°C.

Technical specifications

Parameter	Value
Test Current Options	50A / 100A
Measuring Range	5uohm ~ 25mohm (50A mode) 5uohm ~ 10mohm (100A mode)
Minimum Resolution	0.01 uohm
Adjustable Test Duration	50A gear: 5s / 10s / 30s / 60s / Quick Test 100A gear: 5s / 10s / 30s / Quick Test
Measurement Accuracy	±(0.5% of reading + 0.2uohm)
Operating Ambient Temperature	-10°C ~ 50°C
Relative Humidity	<= 90% RH, non-condensing
Power Supply	Built-in rechargeable lithium battery, charging voltage: DC 12.6V
Overall Dimensions	235mm × 165mm × 75mm
Net Weight	2.0 kg

Standard scope of supply

No.	Item	Qty	Notes
Main Tester Unit	1 Set	1 Set	
Current Test Cables with C lamps	2 Pcs	2 Pcs	
Voltage Sampling Wires	2 Pcs	2 Pcs	
Power Adapter / Charger	1 Pc	1 Pc	

No.	Item	Qty	Notes
User Manual	1 Copy	1 Copy	
Calibration Certificate	1 Copy	1 Copy	
Portable Hard Carrying Case	1 Pc	1 Pc	

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.