

HF-TC-633

DC Low Resistance Tester



DC Low Resistance Tester adopts constant current output to accurately measure tiny DC resistance. It is widely used to test transformer windings, motor coils, busbar joints and switch contacts during factory inspection and on-site maintenance.

Key features

- 4-color high-definition VFD color display
- Ultra-high speed measurement: maximum test rate up to 60 times per second
- Supports temperature compensation function
- Thermoelectric potential compensation with automatic zeroing
- Three selectable current modes to meet diverse testing requirements

Technical specifications

Parameter	Value
Measuring Range	Resistance: 0.1uohm ~ 300ohm Temperature: 0°C ~ 100°C
Basic Accuracy	Resistance: 0.02% ± 5 digits
Maximum Readout	30,000 counts
Current Mode	Pulsed Current
Test Speed	1s, 300ms, 150ms
Test Signal	Constant current test for 1~4 ranges
Trigger Mode	Internal, Manual, External & Remote Trigger
Display Output	Direct reading, °C
Ranges	5 ranges, manual / auto ranging
Calibration	Short-circuit zeroing across full ranges
Standard Interface	RS232C (optional)
Communication Protocol	SCPI
Others	Keylock & data hold function
Accessory	Temperature probe

Standard scope of supply

No.	Item	Qty	Notes
1	Host Device	1 set	Standard configuration
2	Test Accessories	1 set	For resistance measurement
3	Test Accessories	1 pc	For temperature compensation test
4	Power Accessories	1 pc	For mains power supply
5	Documentations	1 copy	English version
6	Documentations	1 copy	With test data
7	Documentations	1 copy	Factory compliance report
8	Optional Accessories	1 pc	Optional, for PC connection
9	Optional Accessories	1 set	Optional, for data management

No.	Item	Qty	Notes
10	Optional Accessories	1 pc	Optional, for field carrying

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.