

HF-RT-207

Micro Ohm Tester



This 0.2 accuracy class micro ohm tester adopts four-wire Kelvin method to test ultra-low resistance from 0.00001ohm to 11ohm. Powered by dry batteries, portable for on-site inspection of breaker contacts, transformer windings and busbar connections in power systems.

Technical specifications

Parameter	Value
1	Core Performance Description Core performance parameters of the resistance bridge
2	Accuracy Class 0.2 grade
3	Operating Temperature Range 5°C ~ 45°C
4	Measuring Range 0.00001 ~ 11 ohm; Basic measuring range: 0.01 ~ 11 ohm
5	Measurement Accuracy 0.2%
6	Main Power Supply 1.5V~2V (built-in power consists of four 1.5V No.1 dry cells connected in parallel)
7	Galvanometer Operating Power Operating power supply for transistor galvanometer: two 9V 6F22 batteries connected in parallel
8	Overall Dimensions 300×255×150 mm
9	Instrument Weight approx. 4.5 kg

Standard scope of supply

No.	Item	Qty	Notes
1	Micro Ohm Tester Main Unit	1 Set	Complete resistance bridge host
2	Test Leads & Kelvin Four-wire Test Cables	1 Set	For low resistance accurate measurement
3	Alligator Clips / Measuring Probes	1 Pair	Copper high-conductivity clips
4	Built-in No.1 Dry Batteries	4 Pcs	1.5V, parallel installed inside device
5	6F22 9V Batteries for Transistor Galvanometer	2 Pcs	For galvanometer power supply
6	User Operation Manual (English + Chinese)	1 Copy	Detailed operation & calibration guide
7	Factory Calibration Certificate	1 Copy	Metrology calibration document
8	Quality Inspection Report	1 Copy	Factory FAT test record
9	Hard Carrying Case	1 Pc	Shockproof portable storage case
10	Spare Fuse & Small Accessories	1 Set	Consumable spare parts

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.