

HF-IT-205

Wireless CT Ratio Tester



This wireless CT ratio tester supports online measurement of current, transformation ratio, phase and polarity of high & low voltage CTs. It features long-distance wireless transmission, large data storage and is widely used for substation field inspection and power auditing.

Key features

- Install batteries into the main unit and high-voltage wireless detector, switch on all devices.
- Mount the high-voltage detector on the insulating stick and clamp it onto the primary high-voltage conductor.
- Attach the low-voltage current clamp to the secondary CT circuit.
- Establish wireless communication between the detector and the host.
- Set test parameters, start measurement to read ratio, phase and polarity data.

Technical specifications

Parameter	Value
Wireless Transmission	Max. 100m straight-line distance in open unobstructed environment
High Voltage Detector Measuring Range	0.1mA ~ 1000A
Low Voltage Current Clamp Measuring Range	0.01mA ~ 10A
Low Voltage Flexible Coil Measuring Range	0.1A ~ 2500A (Optional)
High Voltage Detector Resolution	0.1mA
Low Voltage Current Clamp Resolution	0.01mA
Power Supply & Battery Life	DC 6V alkaline dry batteries (4 × 1.5V AAA), approx. 30 hours continuous working

Standard scope of supply

No.	Item	Qty	Notes
1	Main Controller	1 Set	Handheld unit with LCD screen
2	High Voltage Wireless Detector	1 Pc	U-shaped current sensor
3	Low Voltage Current Clamp	1 Pc	For CT secondary circuit
4	Telescopic High Voltage Insulating Stick	1 Set	
5	Low Voltage Flexible Coil	1 Pc	Optional accessory
6	Operation Manual	1 Copy	Chinese & English version
7	Inspection Certificate	1 Copy	
8	AAA Alkaline Batteries	1 Set	Spare batteries included

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.