HF-PC-205

Handheld Capacitance and Inductance Tester



This digital handheld capacitance and inductance tester is lightweight and compact for easy carrying. It offers stable, high-precision LC parameter measurement with clear digital display and simple operation. Widely applied in circuit debugging, electronic maintenance and passive component inspection for factory workshops and outdoor field testing scenarios.

Key features

- While measuring capacitance or inductance, the device simultaneously displays voltage, current, power, frequency, impedance, phase angle and other measurement parameters.
- Built-in large-capacity non-volatile memory supports storage of up to 200 groups of test data. A USB flash drive port is available for unlimited data storage subject to USB drive capacity.
- Integrated high-precision real-time clock allows date and time calibration.
- An external printer can be connected to print real-time and historical measurement data.

Technical specifications

Parameter	Value
Capacitance	0.1uF ~ 6000uF, ±(1% reading + 0.01uF)
Inductance	50uH ~ 20H, ±(3% reading + 0.05uH)
Current	5mA ~ 2A, ±(3% reading + 0.05mA)
Resistance	20mohm ~ 20kohm, ±(3% reading + 0.1mohm)
Ambient Temperature	-20°C ~ 40°C
Ambient Humidity	≤85% RH

Standard scope of supply

No.	Item	Qty	Notes
1	Main Unit (Handheld Capacitance Inductance Tester)	1 Set	With 7-inch touch screen, built-in storage & RTC module
2	Test Lead Cables (Testing Wires + Alligator Clips)	2 Pairs	For capacitance, inductance & electrical parameter measurement
3	Rechargeable Lithium Battery + Power Charger	1 Set	For device power supply
4	U Disk (For exporting measured data)	1 Pc	Store test records
5	Thermal Printing Paper	2 Rolls	For external printer data output
6	User Operation Manual (English + Chinese Version)	1 Copy	Detailed technical specs & operation guidance
7	Calibration Certificate	1 Copy	Factory inspection calibration document
8	Portable Shockproof Carrying Case	1 Pc	For field transport & storage
9	External Thermal Printer	1 Set	Optional, for printing historical test data

Compliance and documents

Applicable standards	[TO BE CONFIRMED] standard applied to this model
Calibration certificate	[TO BE CONFIRMED]
Optional accessories	[TO BE CONFIRMED]

Specifications are taken from the published product data and are subject to change without notice. Confirm critical parameters at the time of order.

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.

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