

HF-PC-208

Capacitance Bridge Tester



The Capacitance Bridge Tester precisely measures capacitance, inductance and dissipation factor. It is widely adopted to test power cables, transformers and electrical insulation components for power equipment commissioning and maintenance.

Key features

- Non-disconnect testing: Equipped with high-current high-precision current clamps. No need to disconnect capacitor wiring to simplify tests and protect power assets.
- High intelligence: Automatically calculates phase capacitance, total capacitance, reactive power and other parameters after three-phase measurement, reducing workload for technicians.
- Four-terminal measurement technology ensures high accuracy and excellent repeatability.
- Automatic current compensation: Linearizes full current range to improve measuring precision.
- Data storage: Stores up to 400 records with historical data query function.

Technical specifications

Parameter	Value
Measuring Range & Accuracy	Capacitance measuring range 0.1 uF ~ 3300 uF
Accuracy	±(1% reading + 0.005 uF)
Resolution	0.001 uF
Power Supply & Test Source	Instrument power supply AC 220V±10%, 50 Hz
Open-circuit output voltage	AC 23V±10%, 50 Hz (capacitance test)
Max output current	20 A
Output short-circuit protection	Automatic
Operating Conditions, Dimensions & Weight	Ambient temperature -10°C ~ +40°C
Relative humidity	≤90%
Main unit size (L×W×H)	400×290×175 mm
Main unit weight	9.5 kg
Accessory case size (L×W×H)	340×260×135 mm
Accessory case weight	3.6 kg

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.