

HF-PC-204

Capacitive Current Tester



Capacitive Current Tester is specially designed for 6kV to 35kV medium voltage power grids. It adopts the PT secondary measurement approach without direct connection to high-voltage primary circuits to ensure operational safety. Featuring automatic testing, high measuring precision and portable layout, it is widely applied in substations for grid capacitance current detection and grounding scheme selection.

Key features

- Boasts wider measurement range and much faster testing speed.
- Adopts industrial-grade 320×240 dot color LCD display with excellent visibility even under intense sunlight.
- User-friendly human-machine interaction design: Tips and guidance are provided for key operations and parameter configuration.
- Complete measurement data and parameters can be displayed and printed in detail for later analysis.
- Wiring diagrams of all PT connection modes will be shown on screen to facilitate wiring judgment and cable connection.

Technical specifications

Parameter	Value
Capacitive & Current Measurement	1 Measuring Range 0.3uF ~ 200uF; 1A ~ 400A
2	Accuracy ±(5% of reading + 2 digits)
3	Resolution 0.3~9.999: 0.001 10~99.99: 0.01 100~999.9: 0.1 ≥1000: 1
4	Voltage Level Continuously adjustable from 0.1kV to 99.9kV
Zero-sequence 3U0 Voltage Measurement	1 Measuring Range 1V ~ 100V, AC 50Hz
2	Accuracy ±(1% of reading + 10 digits)
3	Resolution 1~9.999: 0.001 10~99.99: 0.01
Operating Conditions & Dimensions	1 Power Supply AC 100-240V, 0.8A, 50/60Hz
2	Instrument Weight 4.5 kg
3	Overall Size 320mm (L) × 270mm (W) × 150mm (H)
4	Operating Temperature -10°C ~ 50°C
5	Relative Humidity <90%, non-condensing

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.