



HF-PQ-T202 Waveform Recorder



The Waveform Recorder captures transient voltage and current waveforms during power system faults. It records complete fault data to support relay protection testing, fault diagnosis and post-failure analysis for substations.

Key features

- Real-time drawing of test curves with zoom and positioning functions
- Graph editing: free marking, color adjustment to facilitate report compilation
- Spectrum analysis tool to obtain signal spectrum graphics
- Draw correlation curves with arbitrary signals selected as X-axis and Y-axis
- Harmonic analysis, supporting up to the 1024th harmonic

Technical specifications

Parameter	Value
Analog Acquisition Channels	12 channels of low voltage/current sampling Voltage range: -10V~10V, -200V~200V, -400V~400V Current range: -20mA~20mA
Signal Type Selection	Voltage/current type configurable via software
Measurement Accuracy	-400V~400V: Error<0.5V -200V~200V: Error<0.2V -10V~10V: Error<0.01V -20mA~20mA: Error<0.02mA
Digital Input Channels	5 channels of passive contact switch measurement
Structure	Split cabinet design for convenient test control and data analysis
Interface	2×USB ports for data download, keyboard and mouse connection
Display	12.1-inch large color touch screen for human-machine interaction
Storage	Built-in 8G storage space
Input Impedance	-10V~10V range: >10Mohm -200V~200V range: 820Kohm -400V~400V range: 820Kohm -20mA~20mA range: 200ohm
Power Supply	AC220V, 50Hz ±10%
Power Consumption	<90W
Weight	<15KG

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.