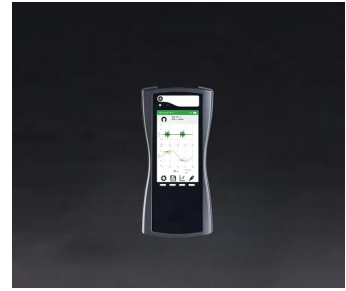


HF-TC-624

Portable Transformer PD Tester



This portable Transformer PD Tester is designed for on-site substation inspection. It collects partial discharge signals, displays PRPD and PRPS spectra clearly, analyzes discharge amplitude and phase relations, and accurately locates internal insulation faults of oil-immersed transformers without power outage.

Key features

- External PD Sensors: UHF sensor, HFCT high-frequency current transformer, contact ultrasonic sensor, ultrasonic concentrator
- Data Spectrums: Time-domain waveform, PRPD phase spectrum, 3D PRPS spectrum

Technical specifications

Parameter	Value
Housing Material	ABS Plastic
Display Screen	4.0-inch full-color RGB touch LCD screen
Operation Mode	Full-screen touch control
Channels	Multi-channel with automatic sensor switching
Spectrum Modes	Time-domain waveform, PRPD pattern, 3D PRPS pattern
Data Export & Report	Connectable to PC via USB; export data to dedicated analysis software, generate, edit and output test reports with one click
Interfaces	USB port (charging & data transmission), Wi-Fi wireless synchronization port, 3.5mm headphone jack, external sensor input port
Headphones	Noise-cancelling headphones, $\geq 8\Omega$ impedance
Data Storage	SD card, expandable 16G ~ 64G
Charger Input	AC 90-264V universal mains / DC 5V
Power Supply	Built-in 3.7V / 5000mAh lithium battery
Continuous Working Time	Around 6 hours
Operating Environment	Temperature: -20°C ~ 50°C; Humidity: 20%~85% RH, non-condensing
Host Dimension	210 × 100 × 35 mm
Net Weight	0.4 kg

Standard scope of supply

No.	Item	Qty	Notes
1	Main Unit of Portable Transformer PD Tester	1 Set	Built-in lithium battery, 4-inch touch screen
2	TEV Transient Earth Voltage Sensor	1 Pc	For cabinet partial discharge testing
3	UHF Ultra High Frequency Sensor	1 Pc	For transformer & GIS PD detection
4	Contact Ultrasonic Sensor	1 Pc	AA/AE acoustic emission measurement
5	HFCT High Frequency Current Transformer	1 Pc	Cable partial discharge pickup
6	Ultrasonic Wave Concentrator	1 Pc	Strengthen ultrasonic signal reception
7	Noise Cancelling Headphones	1 Pair	Listen to on-site discharge sound
8	USB Charging & Data Cable	1 Pc	Charging + data export to computer

No.	Item	Qty	Notes
9	Universal AC Power Adapter	1 Pc	AC 90-264V wide voltage input
10	16GB SD Memory Card	1 Pc	Pre-installed for waveform & data storage
11	English User Operation Manual	1 Copy	Complete operation guide & parameter introduction
12	Factory Calibration Certificate & Inspection Report	1 Copy	Export official certification
13	Shockproof Portable Carry Case	1 Pc	Dustproof, anti-collision for outdoor transportation

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.