

# S612 Partial Discharge Tester



## FEATURES

Detection Methods: AE, TEV, HFCT, UHF
Various Testing Modes: Partial Discharge Testing, Discharge Amplitude, PRPS, PRPD, Continuous, Survey, Pulse, Phase, Waveform
Real-time monitoring of partial discharge signal changes
Optional accessories: RFID, Parabolic Receiver, Flexible Ultrasonic Receiver,

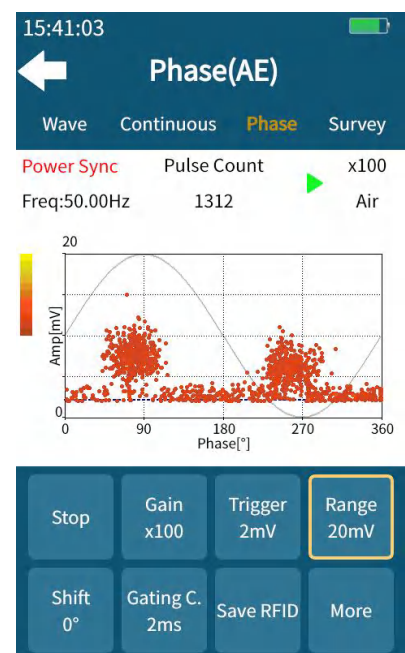
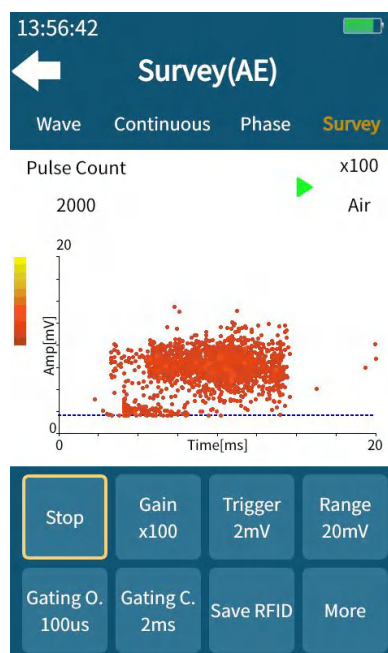
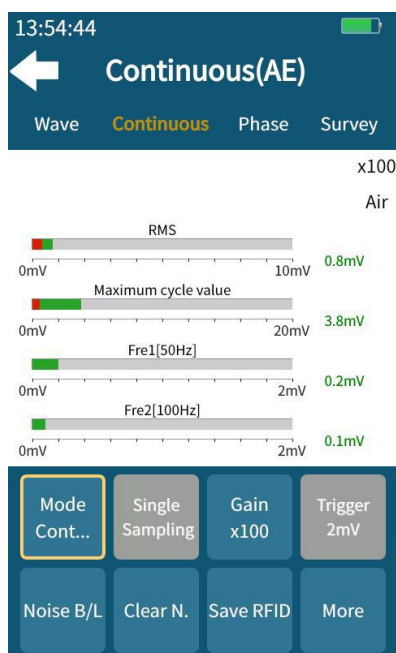
## RECEIVER SPECIFICATIONS

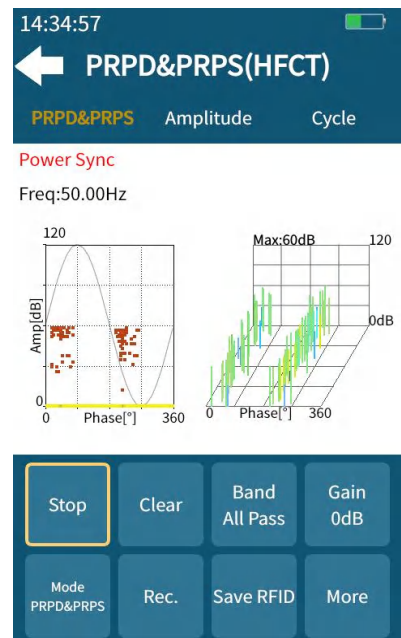
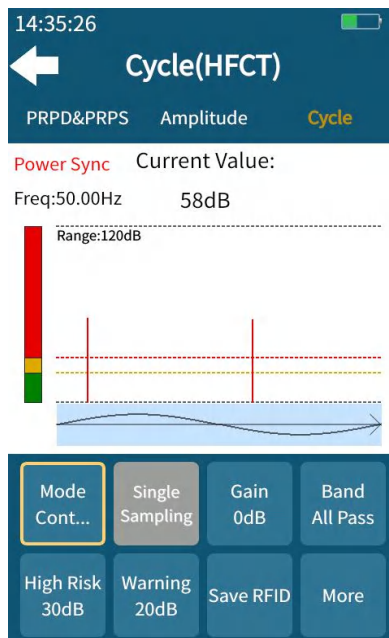
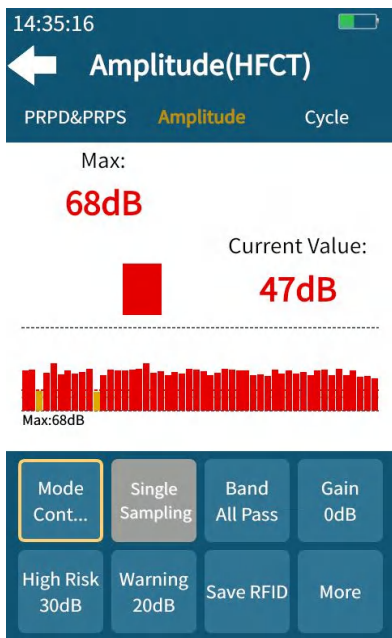
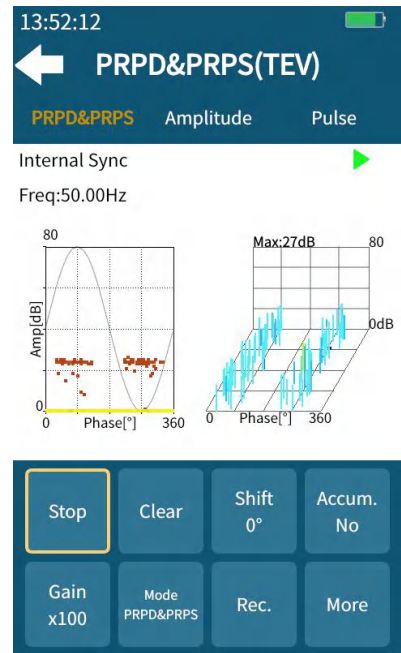
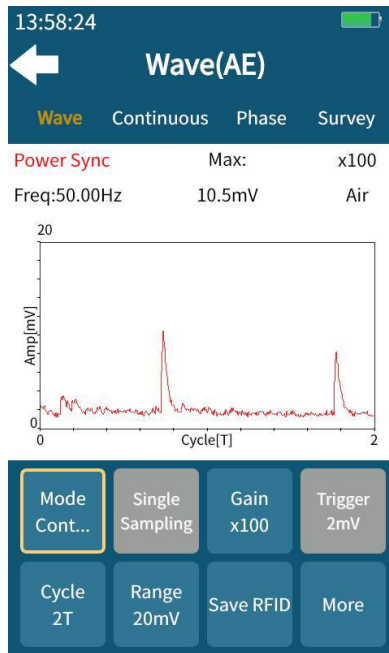
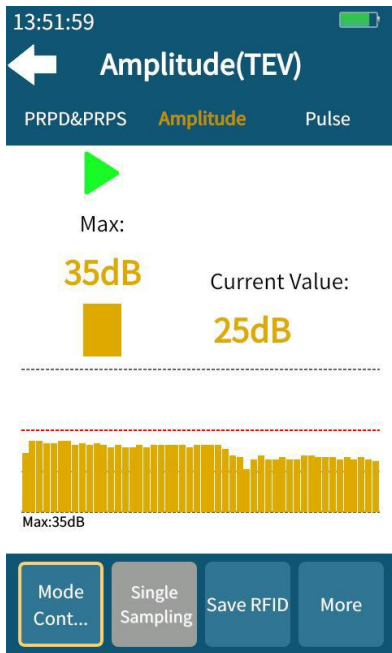
Function	Partial Discharge Testing, Discharge Amplitude, PRPS, PRPD, Continuous, Survey, Pulse, Phase, Waveform
Power Source	7.4V/6800mAh rechargeable Li-battery
LCD	4.3 inch 400x800
AE	Contact AE: 20kHz to 300kHz
	Non-contact: 40kHz Peak
	Sensitivity: 0.1mV
	Range: 0.1mV to 1 V
TEV	Frequency Range: 3 to 100mHz
	Measurement Range: 0 to 80dB
	Accuracy: 1dB
HFCT	Detection Bandwidth: 500 kHz to 50 MHz
	Transfer Impedance: > 5mV/mA(10MHz )
	Measurement Range: 0 to 80dB
	Accuracy: 1dB
UHF	Frequency Range: 300-1500 MHz
	Measurement Range: 0-80 dB
	Measurement Accuracy: 1 dB
	Controllable Bands: High-pass, Low-pass, All-pass
	Gain Adjustment: Supports gain on/off adjustment
RFID	With RFID reading and writing function, it can read and write RFID card on site
Storage	8G
Charging Port	Type C 5V/2A
Charging Time	5 hours

Dimensions	181mm x 107mm x 36mm
Weight	0.45kg
Working Temperature	-5°C to 55°C
Storage Temperature	-20°C to 40°C
Communication Mode	With WIFI/Bluetooth, Type-C port.
Data Export	With TYPE-C interface data export function, the data cable connects the PC to copy the data directly to the computer.
Synchronization Mode	With internal synchronization(Frequency adjustable:20-350Hz; Accuracy: 0.01Hz), wireless power synchronization
Ultrasonic Sensor Type	Adopts aviation connector interface; sensor is a passive contact-type sensor.
Intelligent Synchronization	Supports intelligent power frequency synchronization
	Works when partial discharge signals are detected, automatically identifies grid frequency using AI technology;
	Ensures detection maps are synchronized with power frequency;
Headset	Hear the signal in real time.
UltraDish	<b>Peak frequency</b> : 40kHz
	<b>Test Distance</b> : 0-50 meters
	<b>Laser Pointer</b> : With red laser pointer positioning function
	<b>Aiming Function</b> : Equipped with two targeting functions to realize the precise positioning of the discharge point.
	<b>Detection Sensitivity</b> : 0.1mV
	<b>Measurement Range</b> : 0.1mV to 1V

## Testing Modes Examples

Partial Discharge Testing, Discharge Amplitude, PRPS, PRPD, Continuous, Survey, Pulse, Phase, Waveform





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