

MOEORW-WSi900PD

Multifunctional PD Tester

6-Ch Multi-Modal | AI Smart Diag | Live Precise Loc

Mobile · 1-Tap Report · Portable · Top O&M Choice



HFCT
High-Frequency
Current Sensor



UHF
Current Sensor



Ultrasonic
array sensor



AE
Contact-Type
Ultrasonic Sensor



Infrared
sensor



Wave-focusing /
Flexible
Ultrasonic Sensor

TEV/UHF/HFCT/AE/AA/AA-Dish | SF6 Leak · IR Temp · Voiceprint



Product Overview



This product is designed for insulation condition assessment, temperature rise detection, and SF6 gas leak detection and evaluation on various electrical equipment including high-voltage switchgear, transformers, cable branch boxes, overhead lines, and more. Functioning like a highly sensitive stethoscope for the power grid, it can precisely capture weak discharge signals even before insulation defects evolve into faults.

Dual Enhancement of Efficiency & Accuracy, Empowering O&M Innovation

Efficiency Leap: Integrates TEV, UHF, AE, HFCT, and infrared thermography, with built-in ultrasonic and TEV sensors, plus external sensor options, and supports PRPD/PRPS pattern displays. One device covers all live-line detection without outages.

Accuracy Revolution: Features high sampling, strong anti-interference, and intelligent diagnostics to precisely identify discharge defects in complex EMI, reducing false positives. Accurate defect severity grading provides reliable support for maintenance and risk management.

Driving O&M Management to Achieve 'Three Fundamental Shifts'

Condition-based maintenance replaces scheduled maintenance

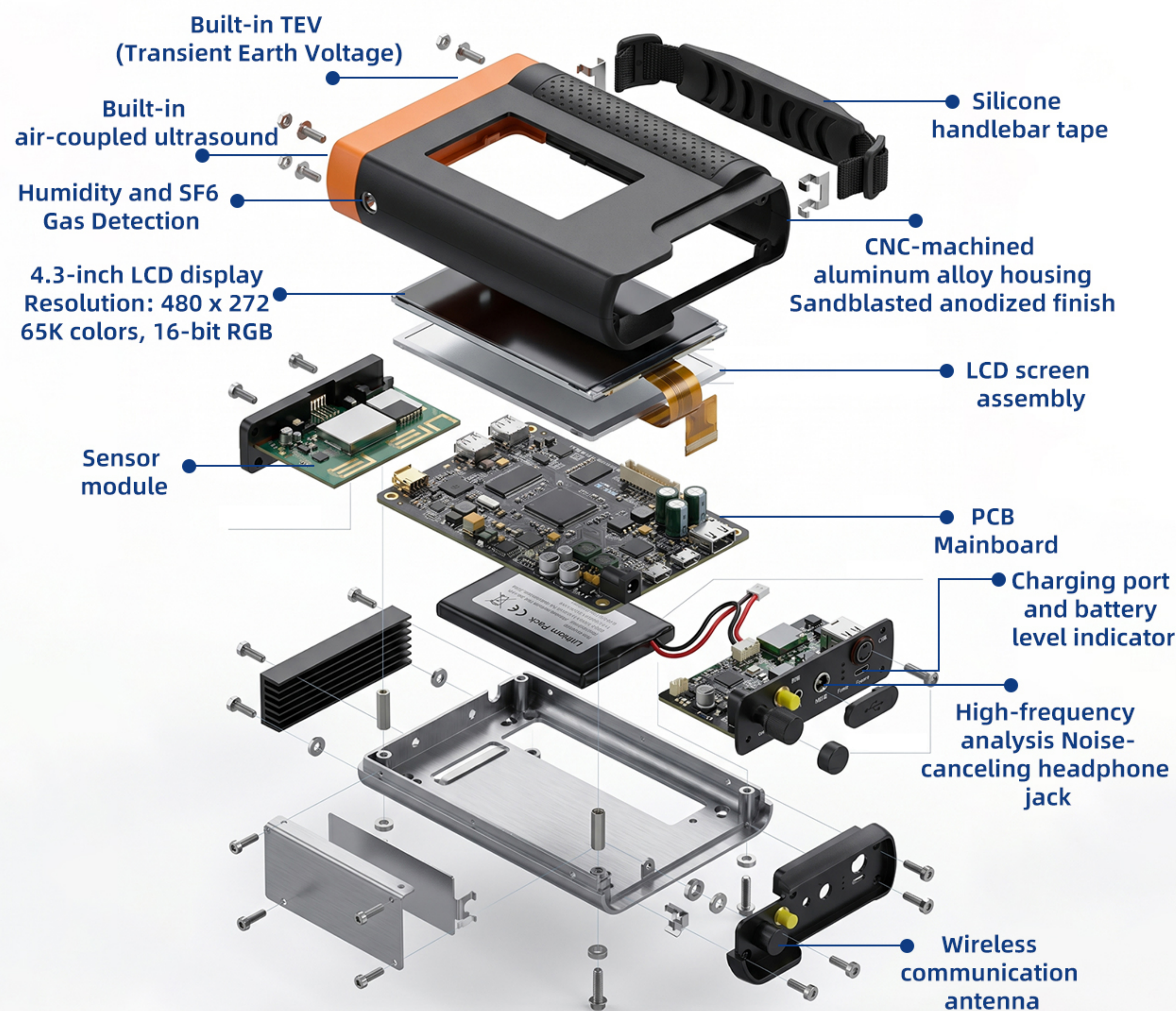
Using real-time insulation data, it eliminates over/under maintenance, optimizes full lifecycle, and lowers O&M costs.

Data-driven approach replaces experience-based O&M

Detection data are storable and traceable, building insulation profiles to support defect analysis and equipment optimization, enabling scientific decisions.

Smart integration replaces isolated diagnosis

It connects with IoT and management systems, integrates patrol and online monitoring, forming a comprehensive protective network.



LEMO connector; connects to UHF, HFCT, AE, and wave-concentrating AA sensors.

Product Advantages

- "Seven-in-one" detection technology
- Digital patrol, paperless operations
- Automatic PD type recognition
- Smart frequency sync
- Remote collaboration, real-time data & video transmission
- HF PD raw waveforms, TDR for cable PD
- Data mgmt supports text, color, image annotations
- Unified data interface, standard data format
- One-click report generation, customizable report templates

TEV Partial Discharge

Detects transient earth voltage signals

UHF Partial Discharge

Detects EM signals from PD

Non-contact Ultrasonic PD

Detects ultrasonic PD signals in air



HF current PD detection

Detects HF PD signals from the cables

Focused Ultrasonic PD detection

Captures Ultrasonic PD signals on OHL

Contact Ultrasonic

Captures Ultrasonic PD signals in equipment

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ADD: BUILDING A, NO.1, FENGHUANGYUAN 2ND ROAD, DONGHU NEW TECHNOLOGY DEVELOPMENT ZONE, WUHAN, HUBEI, CHINA



Digital empowerment



Mobile Internet



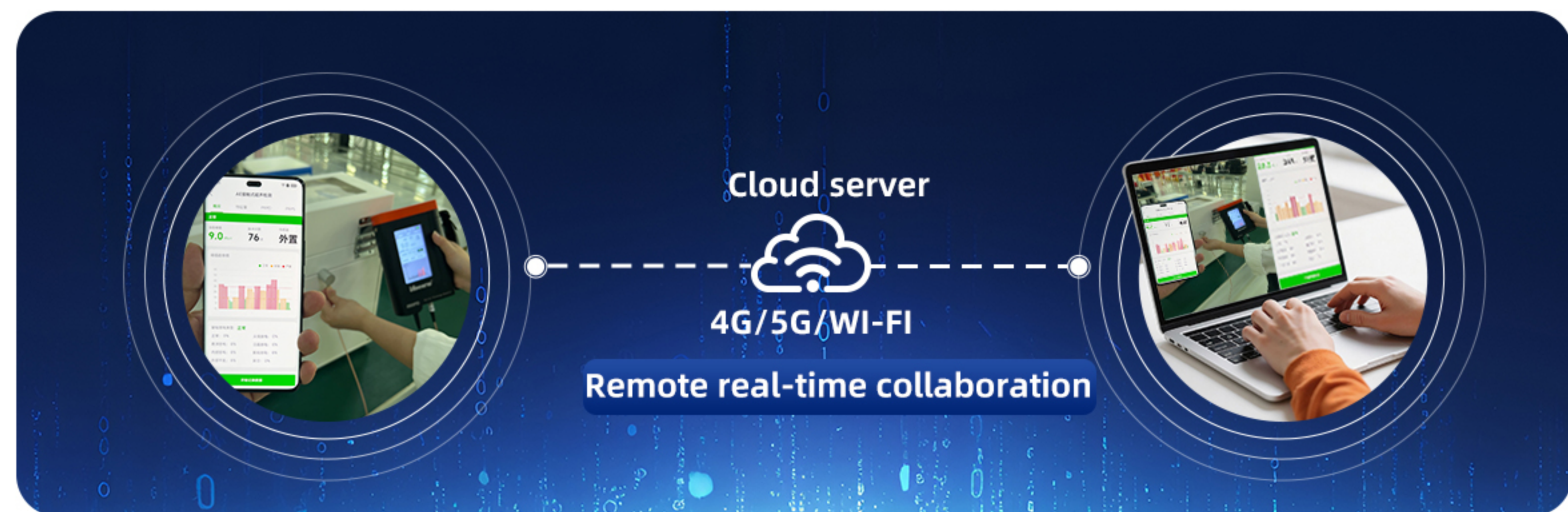
Remote Assistance



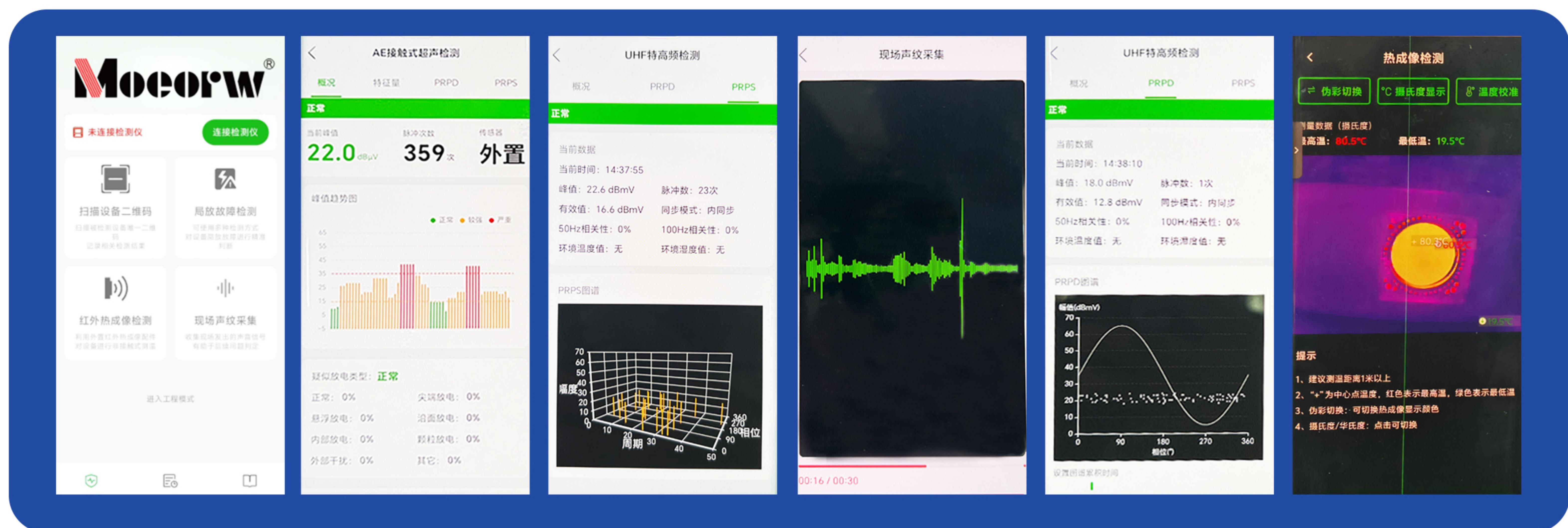
Intelligent Diagnosis



Digital remote transmission



Device interface



On-site application

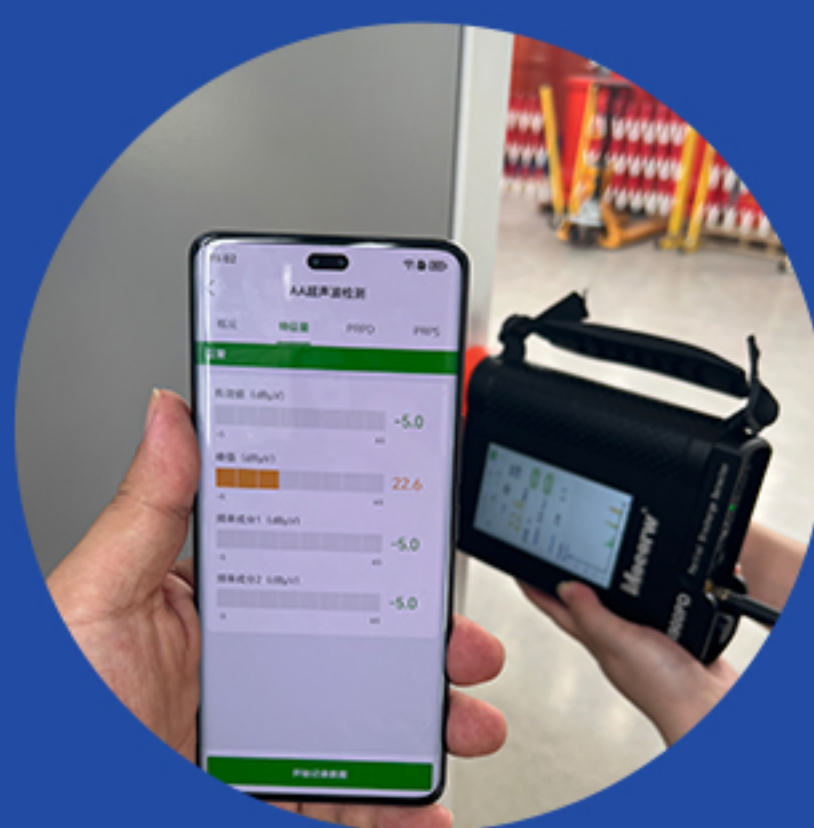
Partial discharge detection



AE Contact Ultrasonic Sensor Detection



UHF Current Sensor Detection



In-situ ultrasonic air testing



HFCT Detection

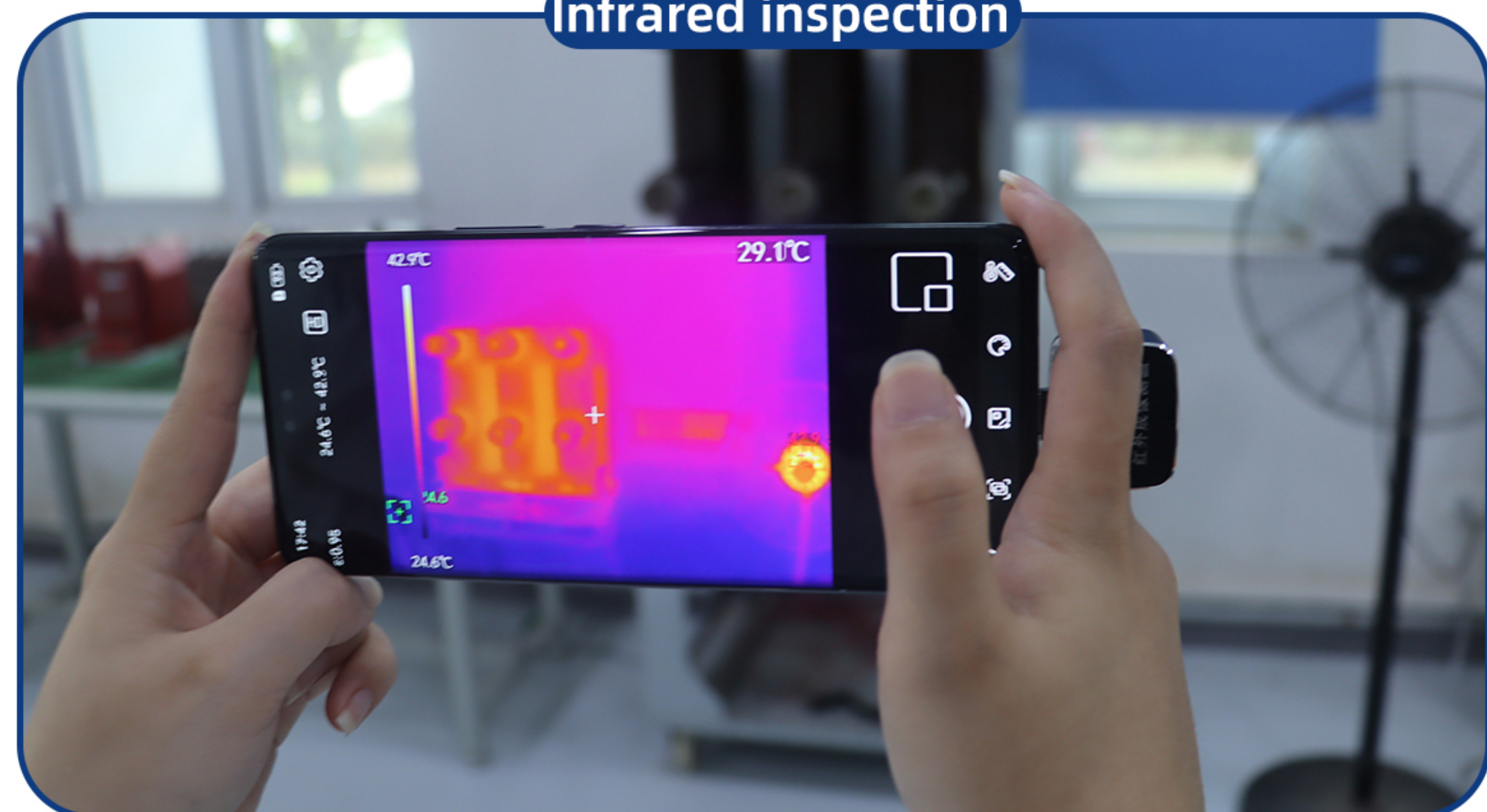


AA Non-contact Flexible Ultrasonic Probe Sensor + Wave Concentrator Detection



Temperature sensor detection

Infrared inspection



Acoustic imaging

