



Product Function

Apply to phase sequence detection, phase detection, phase test, frequency test, and electricity test of the high voltage power lines below 500KV.

Product Features

1. Adopt with wireless transmission technology, phase detecting distance 200m, phase detection accurately and operation convenient.
2. Voice prompt: "X signal is normal, Y signal is normal, Z signal is normal, positive phase sequence, reversed phase sequence"
3. Equip with 3.5inch LCD colorful screen which can display the phase, frequency, phase sequence, and phase detection results on the same screen, clear and obvious.
4. The detector also has the electricity testing function, which can display the voltage level.
5. With data storage function, can store 200 groups of data. USB interface with data upload function, storage data can be uploaded to the computer, save and print.

Technical Specifications

Power Supply	Host: 3.7V, 2600mAh rechargeable battery; Detector: 3.7V, 1000mAh rechargeable battery
Phase Detection Method	1.Contact mode phase detection: $\leq 110\text{kV}$ circuit line 2.Non-Contact mode phase detection: when display between $\geq 10\text{kV}$ and $\leq 110\text{kV}$, it can make phase detecting on the insulation skin of the cable; when the line voltage $> 110\text{kV}$, must use non-contact phase detection
Phase Detection Voltage	AC 10V~500kV
Phase Detection Distance	200m
Voice Prompt	"X signal is normal, Z signal is normal, Positive phase; Reversed phase"
Phase Sequence Qualitative	Postive phase: X→Y→Z→X(Phase different: $100^\circ \sim 140^\circ$); Reversed phase: X→Z→Y→X(Phase different: $100^\circ \sim 140^\circ$)
Phase Detection Qualitative	Same phase: $-20^\circ \sim 20^\circ$; Out phase: $100^\circ \sim 140^\circ$ and $220^\circ \sim 260^\circ$
Phase Range	$0^\circ \sim 360^\circ$; Accuracy: $\leq \pm 10^\circ$; resolution : 1°
Frequency Range	45.0Hz~65.0Hz; Accuracy: $\leq \pm 2\text{Hz}$; Resolution: 0.1Hz
Electricity Testing Indication	"du-du-du" buzzing sound
Voltage Display	Display the voltage level
Transmitting Frequency	433MHz
Data Storage	200 groups(Power down or replace the battery will not lose data)
Automatic Shutdown	15 minutes without any operation after starting up, the detector will shutdown automatically
Battery Voltage	The host battery shows 4 grip of power, when only 1 or 0 grip, please charge; When the indicator light of the detector flashes quickly, indicates that the battery voltage is low, please charge
Rated Current	Detector: 30mA max; Host: 150mA max
LCD Size	3.5 inch colorful screen; Display area: 71mmX53mm
Instrument Weight	About 8kg(include accessories)
Instrument Dimension	Host 195mmX100mmX45mm; Detector :130mmX65mmX45mm
Insulation Rod Length	Max Diameter of the rod: $\Phi 45\text{mm}$; Length: contraction state 1000mm; stretched state:4300mm
Insulation Test	The insulation rod stretched to both ends: AC 220kV/rms; Host, detector: AC3700V/rms(between exposed metal and plastic shell)
Accessories	Host:1PCS, Detector:3PCS, Pin probe:3PCS, Hook probe:3PCS, Insulation rod: 3PCS, USB Date Cabe/ 4 in 1 charge cable:1PCS, Charger Adaptor: 1PCS; Inspection Cable:1PCS; Ring main unit test line :3PCS, cloth bag :1PCS