

Phase Finder System (Type-2400)



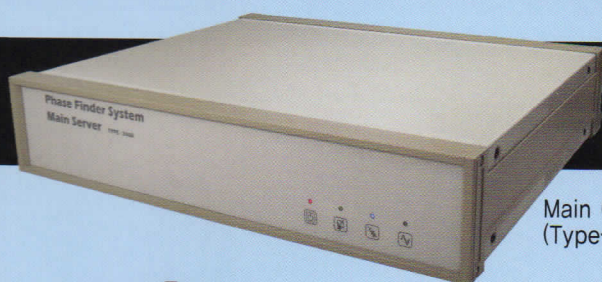
2010 Geneva International Invention Fair
"Gold Medal"[Phase Finder System]

Application_

This product detects and determines the absolute phase, regardless of its measuring location. Phase Finder System detects accurately one of the phases among A, B, C (the standard phase). This device uses 'wired' or 'wireless' information from substation to determine the standard phase on a certain location directly.

It is the A-must device for the electricity distribution automation to resolve the 'voltage unbalance load' on the 3P electricity distribution lines, which can contribute reducing losses of electric power and unnecessary constructions of new line installments.

In Phase Finder System, the already found geographical phase information can be archived into database and can be interlocked with other electric power management systems like NDIS or DAS.



Main Controller
(Type-2400)

Patent No. 10-0594778
10-0730627
10-0844166



Phase Finder
(Type-2401B)

Features_

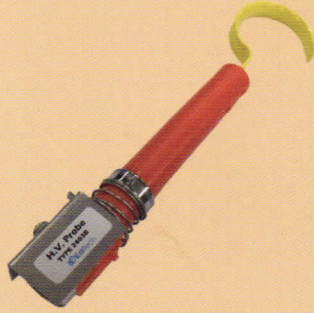
- Voltage Phase Detection and Phase Finding (determination) using time synchronization.
- Easy to hold and carry , light & small structure design.
- Easy to use using the graphic navigation menu.
- Data communication using phase probe(detector) and phase finder.
- Data communication compatibility using the GPS based mobile devices, RF and Bluetooth.
- About within one hour the target phase can be detected and determined(found) even at the underground electric distribution line facility or indoor building.
- Safe internal design of phase probe device (parts) avoiding the high voltage contact danger in spite of its non earthing(grounding) design.
- In case of low voltage phase probing, the probe needs earthing kits like Pad Switch Socket, Pad Clip.
- Phase detector probe can be connected to Hot Stick up to 6 meters height long above the ground, hence the target phase on high live wire lines can be detected and found (determined) easily through the detector.



Phase Detector
(Type-2402)

Specifications_

Specification	Main Controller (Type-2400)	Phase Finder (Type-2401B)	Phase Detector (Type-2402)	H.V Probe (Type-2403B)
Input Power	AC 100V~250V	DC 7.4V	DC 3.7V	-
Data Communication	Network	Cellular Phone	RF	-
Synchronization of Time	GPS	GPS	-	-
Display	LED	3.5" TFT Color LCD	LED	-
Power Consumption	2.2W	2.1W	1.1W	-
Dimension (W)×(L)×(H)	330×410×97 (mm)	400×130×110(mm)	57×172×26 (mm)	47×246×12 (mm)
Weight	2.6kg	400g	130g	110g



High-Voltage Probe(Type-2403B)



PAD Socket(Type-2404B)



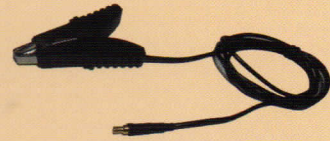
PAD Clip(Type-2405B)



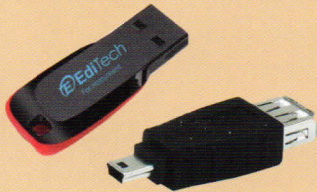
DC Charger(Type-2406B)



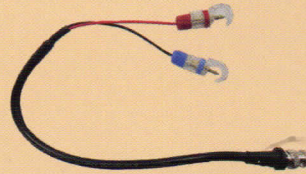
AC Charger(Type-2407B)



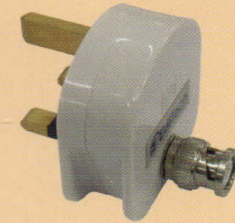
Ground Cable



USB Memory & mini 5 pin Connector



Piercing Cable(Type-2408B)



AC Adapter(Type-2409B)

Name	Domestic products	Export products
● Main Controller(Type-2400)	<input type="radio"/>	<input type="radio"/>
● Phase Finder(Type-2401B)	<input type="radio"/>	<input type="radio"/>
● Phase Detector(Type-2402)	<input type="radio"/>	<input type="radio"/>
● High-Voltage Probe(Type-2403B)	<input type="radio"/>	<input type="radio"/>
● PAD Socket(Type-2404B)	<input type="radio"/>	
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● DC Charger(Type-2406B)	<input type="radio"/>	<input type="radio"/>
● AC Charger(Type-2407B)	<input type="radio"/>	<input type="radio"/>
● Ground Cable	<input type="radio"/>	<input type="radio"/>
● USB Memory & mini 5 pin Connector	<input type="radio"/>	<input type="radio"/>
● Piercing Cable(Type-2408B)		<input type="radio"/>
● AC Adapter(Type-2409B)		<input type="radio"/>

