RYCOM instruments, inc.


**Removes Need of Cell Phones**

**Use On Any Voltage**

**Identifies All 12 Phase Attributes**

**Primary or Secondary Sampling**

**120v Wall Socket Adaptor**

## Rycom Instruments is proud to introduce the Phase Identification System by Origo Corp.

Origo Phase Identifier Using the Overhead Hook

The PhaseID System now makes it possible to quickly and easily determine energized phase attributes anywhere in your system. Use it on primary, secondary, overhead, underground, livefront, deadfront, transformers, switching cabinets, substations, and standard 120-volt receptacles.

**This is not a phasing stick.**
New innovative technology allows the phase attribute of any energized conductor to be determined by using a GPS timing signal to simultaneously measure phase at a reference location and at a field location. The readings are then compared. Since the phase attribute at the reference location is known, the phase attribute at the field location can be determined.

**Measuring Phase with the Origo Phase ID >>>**
**How to Choose a Phase ID System >>>**

## Simple

Weighing less than 3 lb. and controlled with a single push button switch, the PhaseID Field Probe is the fastest and easiest to use phase identification tool available. No cell phones or other real-time communication services are required. When used to probe 120V outlets, any utility personnel can obtain the primary phase attributes supplying that outlet.

**Base Station Overview >>>**
**Field Probe Overview >>>**

**Use On Elbow Dead Fronts**

**Improves Network Efficiency**

- Load Management
- Neutral Imbalance
- Neutral Current
- Voltage Imbalance

## Accurate Phase Identification Saves Utilities Money and Energy

The current assumption is that neutral current flow is just part of the cost of doing business because of the high cost of locating and correcting it. Actually, it is the large number of phasing mistakes that have complicated attempts to correct it.

Imagine, as a Load Specialist, spending hours upon hours trying to define changes that needed to be made to correct high amps on a feeder only to find out that once the field personnel had done their job, the amps still existed. What they thought was 'A' was actually 'C'; but where was it rolled, or where were the tags wrong? The PhaseID System offers a simple solution. Phase identify your system.

| $$$ Savings by Reducing 700 FM by 20 Amps | $$$ Savings by Reducing 700 FM by 30 Amps |
|---|---|
| $571,712.36 | $714,640.45 |
| $762,283.15 | $1,000,496.63 |
| $952,853.93 | $1,286,352.81 |
| $1,143,424.72 | $1,572,208.99 |
| $1,333,995.51 | $1,858,065.17 |
| $1,524,566.29 | $2,143,921.35 |
| $1,715,137.08 | $2,429,777.53 |

Cost Savings of Reducing Neutral Flow

Learn More >>>

To see why neutral current is undesirable, just ask what it costs to push unused amps back to the source on the neutral line. No doubt, we do have to live with some neutral current flow. However, neutral flow will be less on a system that has been phase balanced. The savings from reduced neutral flow range anywhere from thousands to millions of dollars in wasted fuel costs, depending on the scale of your distribution system and the imbalances that exist.

**How Neutral Flow Eats Away At Your Profits >>>**