



# TURBO

## TURBO SLEUTH

When the desire to convert to a safer high resistance grounded system is delayed due to capital and time, a unique solution from I-Gard is the **Turbo Sleuth**, a portable high resistance grounding system that temporarily and easily connects to an existing electrical system and converts the faulted system to high resistance grounded.

The **Turbo Sleuth** contains the fault-limiting resistor, the pulsing circuitry and if required, an artificial neutral in a single wheeled enclosure.

It uses an integral pulsing circuit to facilitate fault finding while ensuring process continuity. Once the fault is located and cleared, the **Turbo Sleuth** is disconnected and the system is returned to its original setting.

# the power to protect

**Ground faults cause** havoc on plant production processes, shutting down power and equipment and critical loads.

**Ground faults disrupt** the flow of products through manufacturing processes and cause data loss in computer centers leading to hours or even days of lost productivity.

**Ground faults pose** potential health and safety risks to personnel, creating hazards such as equipment malfunctions, fire and electric shock.

**High Resistance-Grounding (HRG)** is becoming more prevalent in industrial and commercial electrical power systems because it eliminates un-scheduled downtime due to ground faults, and improves personnel safety by preventing ground faults from escalating into arc-flash incidents. Resistance Grounding is highly recommended for generators, to protect them from damage due to excessive ground fault currents.



**NEMA 3R enclosure containing current limiting resistor and ground fault relay**

**Available with artificial neutral for use on delta systems**

**Visual indication of system normal, active ground fault and pulsing active**

**Available for 480V, 600V and 4160V distribution systems**

# IPC