



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