

SEELEVEL PosiGround

Truck Grounding Controller



The SeeLevel POSIGROUND™ Truck Grounding Control System helps to prevent fires and explosions produced by a static discharge that accumulates during the transfer of volatile liquids. The ground state is monitored by the controller, which can be configured to either a 250-ohm high resistance range or a 10-ohm low resistance range; it also activates alarms if the ground connection is lost during the transfer.

SEELEVEL PosiGround™ Features

- Verifies that the truck is grounded
- Powered from 12V truck power
- High (250 ohms) or low (10 ohms) resistance range
- Displays the actual ohms level of resistance
- Serial port connector for RS-232 communications with a computer or PLC
- Built-in diagnostics
- Warning horn and final alarm

PosiGround™ Benefits

Prevents risks - Increases Safety

The Garnet PosiGround™ Truck Grounding Control System helps prevent fires and explosions caused by a static discharge that builds up during the transfer of flammable liquids.

The controller monitors the ground status and can be set for either 250-ohm high resistance range or a 10-ohm low resistance range.

A spark-free connection at the ground clamp is ensured by low power battery operation and high resistance isolation from the 12-Volt power circuits (horn and shutdown).

Self-diagnostic system checks complete ground circuit and cannot be fooled by a shorted ground cable. The controller continuously shows complete system status on a day and night time display.

The system is disconnected from the warning horn and loading system when the loading system is disengaged.

In addition, the controller also has a serial port connector for RS-232 communications and can be remotely monitored and configured via the serial port with an appropriate software application.

The system installs easily with only five wires to connect (ground, ground sense, horn, shutdown, and 12 V display illumination).

Service and Warranty

Our professional and knowledgeable technicians are on-call to assist you with any problems you may encounter. Products offer a one-year limited warranty.

For more information about this product visit our website or contact us at 1-800-617-7384.

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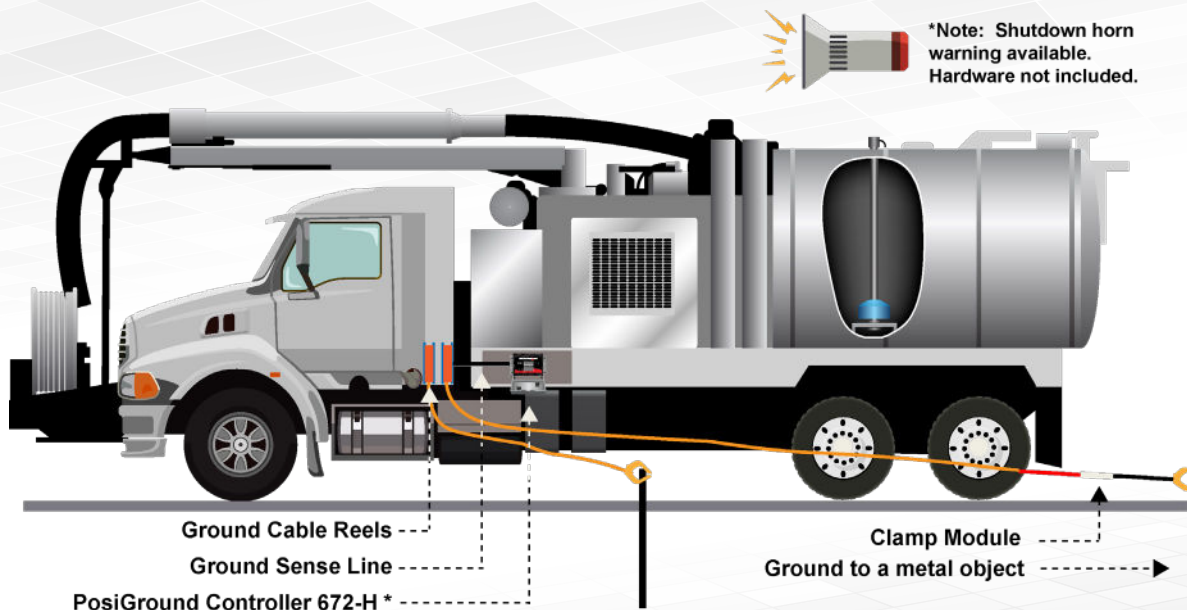
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Liquid management solutions, your way.

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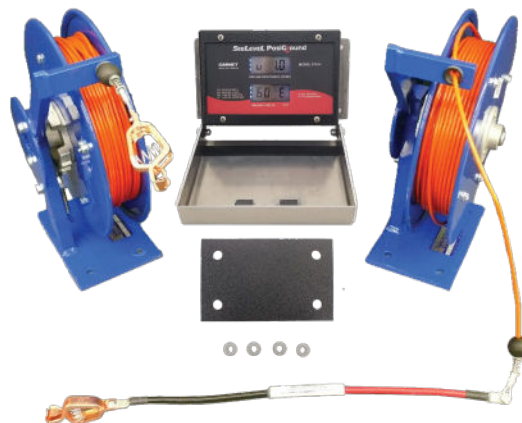


Principle Operation

The PosiGround™ system operates by connecting one clamp to a metal object which looks like it should be grounded, and connecting the other clamp to another metal object at least 20 feet away which also looks like it should be grounded. Ideally, both objects should have a buried portion. Check the display, it should show "GO d", indicating that the ground is good but that loading or unloading has not been started.

The actual ground resistance in ohms can be recorded from the top display if desired. Loading or unloading can now be started. If loading is attempted before the ground connection is made, the warning horn will sound for a set time, and then the final alarm will activate unless the ground connection is made within the set time period.

If the ground connection is lost during loading, the warning horn will sound for a set time, and the final alarm will activate unless the ground connection is remade within the set time period. When loading is complete, shut down the loading system and then disconnect the grounds.



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