

INTELLICHECK®

Scully's IntelliCheck® System

is the most advanced secondary overfill protection and retained product monitoring system in tank truck loading operations. Featuring Dynacheck® - automatic and continuous self-checking circuitry, the controller, wiring, connections and sensors are checked for faults up to 30 times per second. Only IntelliCheck offers system diagnostics this extensive.

Complete Overfill Prevention and Retained Product Monitoring System with Complete Loading Rack Compatibility.



IntelliCheck is a state of the art point level detection system that provides:

- Overfill prevention and retained product monitoring in one compact enclosure.
- Scully Dynacheck, automatic and continuous self-checking circuitry.
- The ability to use existing Scully five-wire optic or Scully two-wire optic overfill sensors.
- Complete visual and diagnostic display of overfill sensors' status. Will not permit loading under any fault or wet overfill sensor condition.
- Monitoring of up to 8 compartments.
- Complete compatibility with all Scully loading rack overfill prevention equipment.
- Durable construction for long lasting dependability.
- Easy installation with step by step instructions.
- The best technical service in the industry, with 24-hour toll-free trouble-shooting and technical assistance.
- Full communication with diagnostic information on all sensor conditions and system functions shown and explained on the monitor cover.

STANDARD FEATURES

OVERFILL PREVENTION

- Monitoring of up to 8 compartments.
- Maximum safety with Dynacheck automatic and continuous self-checking circuitry.
- Red “wet” sensor LED indicators which illuminate on high level and signal output shutdown.

DYNACHECK® SAFETY

- Dynacheck uses pulsed signals to continuously check the entire system.
- The controller, wiring, connections and sensors are checked for faults up to 30 times per second.
- If a sensor comes in contact with liquid, or in the event of a system fault, the pulsed signals cease, and the controller automatically signals for immediate shutdown of the loading operation.

COMPLETE DIAGNOSTICS AND COMMUNICATION

- IntelliCheck shows visual indication of proper operation.
- Prominent red and green status LED indicators indicate permit, Dynacheck status, auxiliary control, signals from rack, and signals to rack.
- Individual wet sensor detection by compartment, with indication of open sensor wiring, shorted sensor wiring, sensor faults and even wiring faults or a faulty connection to the loading rack controller.

RETAINED PRODUCT MONITORING

- Automatic detection with two-wire optic retained product sensors.
- Monitoring of up to 8 compartments.
- Loading is automatically locked out when product remains in a compartment.
- Driver must acknowledge the presence of retained product.
- Warns against product mixing.

ADVANCED OPTIC SENSING

- Scully optic sensors are the devices through which Dynacheck detects the presence of liquid product.
- The signal for each sensor is directly wired to the IntelliCheck monitor for verification of each compartment’s status.
- Optic technology insures no warm-up time.
- One overfill and/or one retained product sensor is mounted in each compartment.

DURABLE, RELIABLE SOCKET CONNECTIONS

- Scully sockets are the vehicle mounted connectors for the rack plug.
- Feature lightweight vinyl protective caps to prevent socket corrosion.
- Captive cable attachment to prevent loss.

