

The **SEELVEL SPECIAL™** Gauge For Trucks



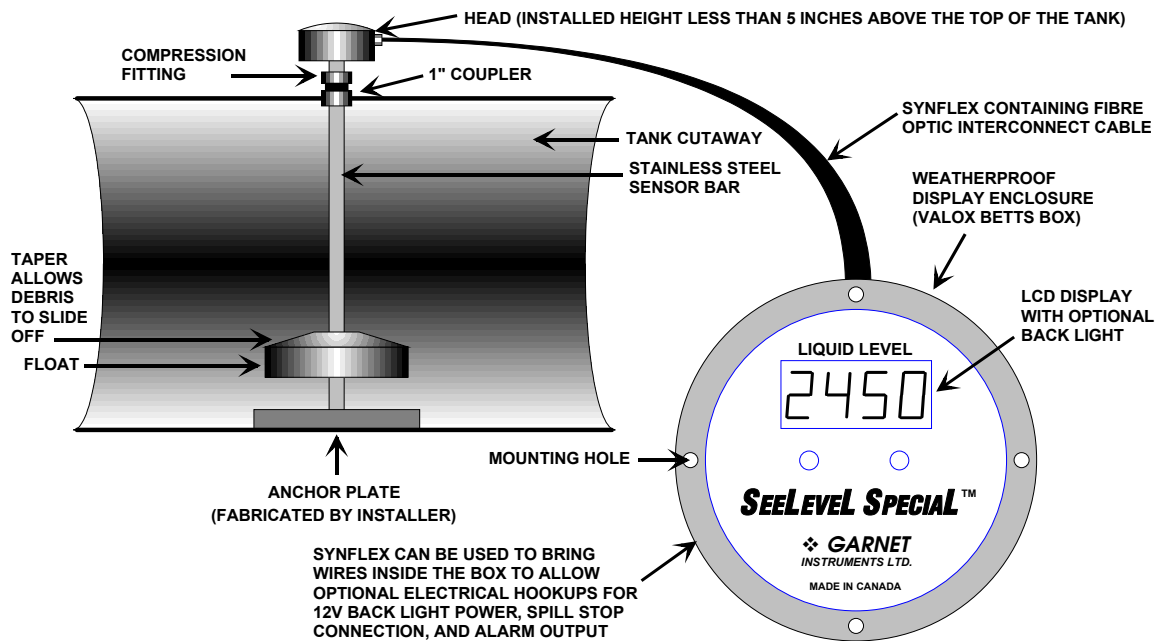
FEATURES:

- Provides an accurate digital readout of the amount of fluid in a truck or trailer tank
- Microprocessor based technology provides resolution of 1/6, 1/3 or 1/4 inch, selectable at time of installation
- The Model 808P2 provides a readout on a daytime viewable LCD display suitable for inside or outside mounting with a back light for night viewing
- Programmable output to operate a **SPILLSTOP™** overfill prevention system, and a programmable alarm output which can operate a light, horn, isolation valve, or the **MULTIRACK™** optic/thermistor rack controller
- Remote display ready, relays readout on main display to In-Cab remote display
- The display is calibrated with the 816 or 916 programmer to read in inches of level, or in volume units such as barrels, gallons, litres, or cubic metres
- Display has volume density compensation adjustable by the operator
- No moving parts except for the molded plastic float ensures high reliability, Stainless Steel float option available
- Micro power circuitry runs on internal batteries - no truck power is required
- All digital design eliminates reading drift or degradation, ensuring long term accuracy under all operating conditions
- Built-in overfill warning alarm can activate a horn or light with the ability to bypass
- Fibre optic connection between tank and display for complete electrical safety
- Operation from -40 to +60 °C (-40 to +140°F) ambient, up to +85 °C (+185 °F) product
- Accuracy up to +/- 0.125 inches (+/- 0.35 cm)
- Easy installation and servicing, one year limited warranty

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Your Dealer:

MODEL 808P2 **SEELEVEL SPECIAL**™ TRUCK GAUGE DESCRIPTION



- The gauge operates using a magnetic reed switch sensor bar detecting the float magnetic field. The system provides a nominal accuracy of +/- 1/12 inch, but with variations in reed switch sensitivities the actual accuracy is +/- 1/8 inch.
- When the float is rising, the gauge will read about 1/16 inch lower than when the float is falling. This happens because the reed switches are less sensitive to engagement than they are to disengagement. The practical result of this is that the gauge reading is very stable and does not flicker with small ripples on the surface of the product.
- A 316 stainless steel seamless tube houses the sensor bar, and the fitting holding the tube in place can be either steel or stainless steel. The tube and polyethylene float are resistant to oils, fuels, acids, sewage, and most chemicals. The sensor bar is fully sealed to prevent moisture or product from damaging the bar. The bar can be ordered to fit any size tank up to 85 inches in height, and can be easily removed for servicing, or for use on another trailer.
- The circuitry in the sensor bar is powered by a lithium battery with a lifetime of approximately 10 years.
- Plastic fibre optic cable transports the information from the sensor bar to the display to provide complete electrical isolation for the components inside the tank. The fibre optic light level is ten times higher than required, so the fibre can be cut with a knife for easy installation; no polishing or special preparation is required.
- The 808P2 display is powered by a lithium battery with a 10 year life. The LCD is large enough to allow display viewing from up to 15 feet away. For easy night viewing, the 808P2 has a light behind the LCD which is powered by 12V truck power. The display is built into a Valox Betts enclosure, which is weatherproof and able to resist indirect road spray.
- The gauge calibration is programmed during installation with either the 816 or 916 programmer. The calibration can be done in inches of level, or in any volume unit desired, as long as a calibration table (volume vs. depth) is available for the tank. The display has four digits, allowing better than 1/4 % accuracy on the readout. A five digit version is also available which provides a continuous trailing zero for gallon or litre applications.
- The SpillStop and alarm outputs on the 808P2 are programmed with the 916 programmers during installation, and can be altered at a later date if desired. An overfill warning feature permits a simple alarm to be operated and then bypassed by pressing a switch on the outside of the display enclosure. The alarm will automatically reset when the tank is empty.
- The SeeLevel gauge can be used with other Garnet products to improve safety, economy, and convenience. The SpillStop overfill prevention system provides an automatic horn warning and pump shut down to prevent spills when loading with truck mounted PTO driven pumps. The MultiRack rack controller provides optic and thermistor loading rack control to permit loading at rack controlled facilities.
- The 808 series is one of our most popular models with over 4,000 systems installed to date.

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