

# The **SEELEVEL ANNIHILATOR™** Gauge For Vacuum Trucks

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## FEATURES:

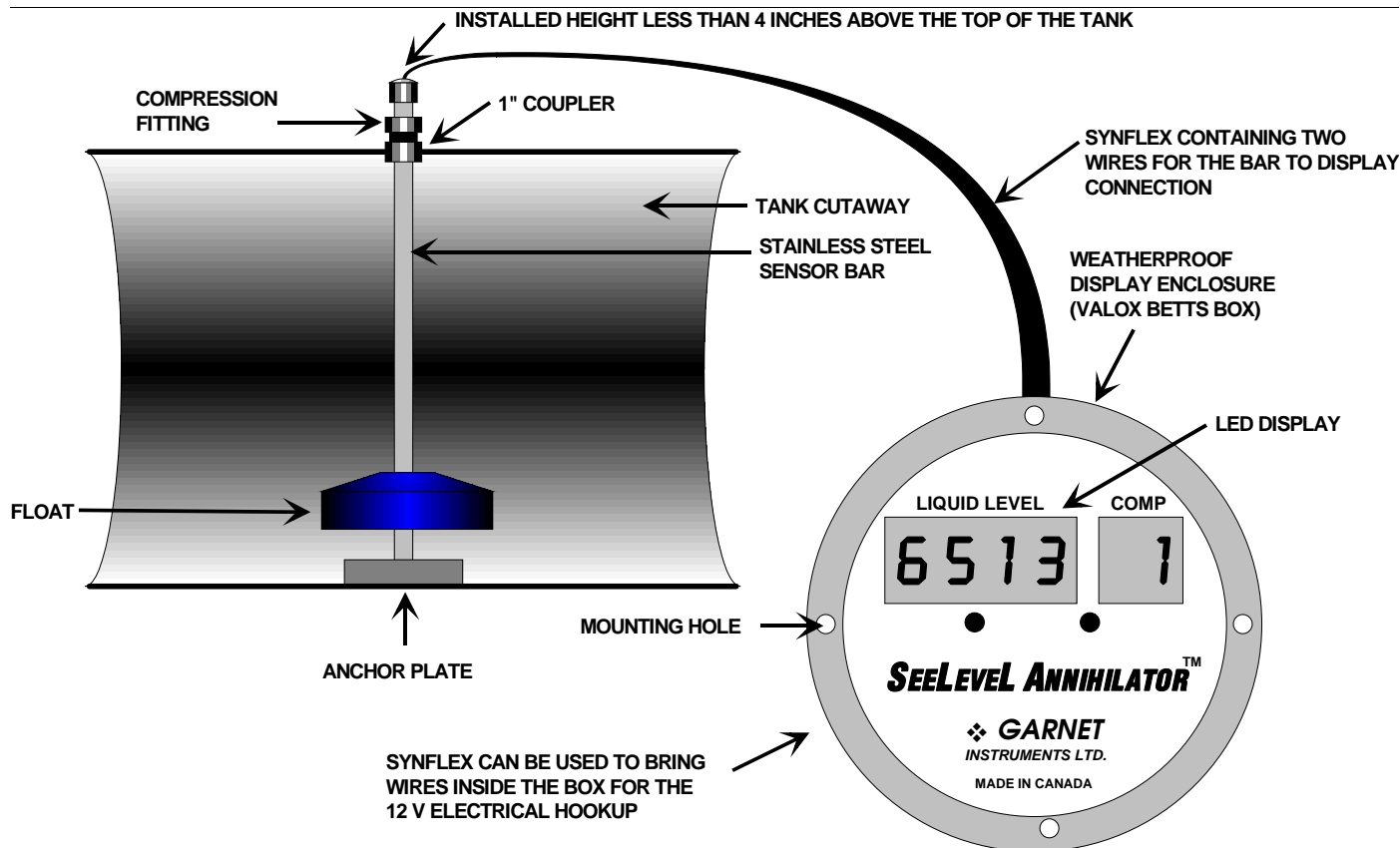
- Provides a product volume readout for truck tanks
- Provides reliable electronic solutions to:
  - uncertainty of the amount of product being loaded or unloaded
  - weigh scale fines by letting you know the exact amount of fluid in the tank
  - pump damage due to water ingestion
- The amount of product is shown on an accurate digital LED display
- Display can be 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
- LED display provides excellent nighttime visibility
- Designed for products such as water, sewage, or non- flammable chemicals
- No moving parts, except for the molded polyethylene float, ensures high reliability
- Resolution is 0.25 inches, giving an accuracy of +/- 1/8 inches (+/- .3 cm)
- The Annihilator is designed for outside mounting, and operates on 12V truck power
- Two sizes of in-cab version displays are also available
- Operation from -40 °F to +140 °F ambient temperature, up to +185 °F product temperature
- One year limited warranty

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Your Distributor:

 **GARNET**  
**INSTRUMENTS LTD.**

## MODEL 806A **SEELEVEL ANNIHILATOR™** DESCRIPTION



- The gauge operates using a magnetic reed switch sensor bar detecting the float magnetic field. The resolution is 0.25 inches, giving an accuracy of +/- 1/8 inch. The float is made of polyethylene and is 8.5 inches in diameter, and has a cone shaped top to shed sludge and solids in the liquid.
- 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 one inch diameter 304 stainless steel tube houses the sensor bar, and it is fully sealed to prevent moisture or product from causing damage. The bar can be cut to fit any tank up to 90 inches high, and can be easily removed for servicing or to install into another tank.
- Two wires are required between the sensor bar and the display, and the display requires 12 volt truck power. The signal between the bar and the display is coded so that any degradation on the signal line caused by water, salt, or corrosion will not cause false readings.
- Three versions of displays are available to fit any application:
  - Model 806A: Mounted in a Betts box, this display can be placed outside and resists indirect road spray
  - Model 806Ai: Mounted in a 6" x 3 1/2" enclosure, this display is for in-cab use only
  - Model 806Ais: For the smaller confines of modern cabs this display comes in a 5" x 2 1/2" enclosure for mounting in confined areas
- The LED display is large enough to allow viewing from up to 10 feet away.
- The volume calibration is programmed during installation with the 916 Total Programmer and the 829 Programmer Adapter. The calibration can be done in inches of level, or in any volume unit, as long as a calibration table (volume vs. depth) is available for the tank. The display has 4 digits, allowing better than 1% accuracy.

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