

Semrad Automatic Tank Gauging System

ATG-100; The new standard in Local and remote tank gauging
Core Functions; Monitors your tank levels and provides feedback

Reliability and Repeatability For Demanding Measurements of Fuel

- Oil Terminal and Depots
- Fuel Storage Vessels
- Petrochemical Industry

Consists of 3 Parts

- Level Sensors
- Local Monitoring Cabinet, Displaying Ullage
- Remote monitoring of tanks available with graphics interface software

Optional

- Remote wireless solutions for off-site monitoring
- Temperature readings

Sensors

- Most advanced system technology for fuel level measurement
- High reliability, repeatability, accuracy and resolution for demanding measurements
- Repeatability better than 0.2% across the measuring range
- Measuring range up to 24m
- ATEX approved
- Measurement is independent of temperature, pressure and density
- S standard output of 4-20mA is available with HART communication

Local Monitoring Cabinet

- Robust IP65 enclosure
- 6 digit dual line displays
- Displays in Ullage
- Tank part page is customised for each site

Remote Monitoring With "NIVISION" Software

- Information at a glance
- Ullage
- Volume in Litres of m³
- Pre alarms on each vessel
- Trending on each vessel



Level Sensor



Local Monitoring Cabinet



Remote Monitoring Software

Frequently Asked Questions;

Why do I need this?	To provide reliable and repeatable tank level readings.
Is it easy to set up?	Semrad can configure the installed equipment.
Will it notify me when tanks are full?	High and low level alarms will be displayed on the PC screen; however it will not switch off the fuel pumps. You would need to add separate overfill protection to perform that function.
How accurate is it?	The level sensors are accurate to ± 5mm depending on the fluid.
Can I monitor my tank offsite?	Yes, using GSM, GPRS or an internet website.
Are there any ongoing costs?	There are no ongoing costs, however your service provider (eg, Telstra) may charge fees if you use the GSM or GPRS connection options