



SMARTFLOW

TECHNOLOGIES LTD

...every drop counts

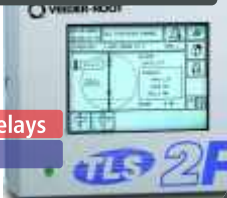
AUTOMATIC TANK GAUGING SYSTEM

Remote Online & Site
Monitoring

Business Data Intelligence

Technical Highlights

- Fuel Level
- Water Level
- Temperature
- Programmable Relays
- 4 - 20 MA output
- Rs485 output



System Benefits

- Operational Efficiency
- Pilferage & Shortage Management
- Trends & Reports
- Captures Deliveries & Consumption
- Ease of Access

We monitor all
types of tanks

- Underground tanks
- Tall Tanks
- Small Tanks
- Mobile Tanks



Alarm Management



- High Level Alarm
- Low Level Alarm
- Reorder Alarm
- Pump Control Systems
- Overfill Management Systems

Various Product Types

- Aviation Fuel
- Kerosene
- Petrol
- Diesel
- Engine Oil
- LPFO
- Water



...every drop counts!

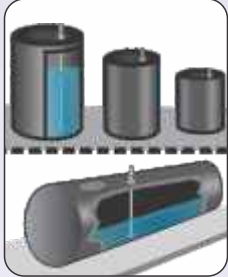
www.smartflowtech.com

Automatic Tank Gauging systems (ATGs) are primarily used to determine the level of fluids (and possibly granular solids) contained within a tank. The ATG through the determined levels processes and delivers additional information such as Volume, Ullage, Water Level, High Alarms, Low Alarms, Reorder Alarms, Overfill Alarms and so on. Our ATG systems are designed to make data accessible either onsite or remotely via the internet.

HOW IT WORKS:

1. All types of Tank

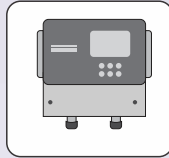
Tall Tanks, Small Tanks



Underground Tank

The probes are installed in the tank reading the level of fluid in the tank and continuously computing the volume. This information is sent to the control panel.

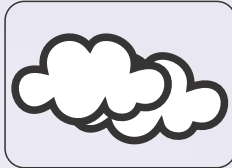
2. Control Panel



The Control Panel displays the levels and volumes in the tank locally/on site. This information is accessible through a clear user-friendly interface.



3. Web Interface



Data is stored on a dedicated remote server. No IT infrastructure is required by the customer.



The End user can then access the information by logging into the site. The end user can also get alert via emails or SMS on the levels / volumes of fluid in the tank per time.

SYSTEM HIGHLIGHTS:

- Battery backed systems available
- No IT infrastructure required
- Can connect to Local LAN or GPRS network
- Flexible probes available for tall tanks
- 1000+ working probes around Nigeria
- DC Versions available

THE SMARTFLOW ADVANTAGE:

- Direct OEM relationships guaranteeing quality & warranty
- Highly Trained & Capable Technical Team to support
- Affordable Spare parts always in STOCK!

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ATG CONTROL PANEL:



- Compact, efficiently designed, 7" full-color touch-screen display
- Simple for authorized users to understand and operate while eliminating unauthorized access.
- Easily manage multiple tanks. Supports up to 64 inputs (probes)
- Web-Enabled – monitor and control your automatic tank gauge system from any web browser.
- Able to store measurement values and three additional parameters of the connected transmitters in a measurement system into the internal FLASH memory or an SD memory card.

LEVEL PROBES:

FLEXIBLE PROBES



RIGID PROBES



NON-CONTACT PROBES



ALSO AVAILABLE

- Fuel Pumping Solutions
- HDPE Pipes
- Level Switches
- Fleet Management Systems
- Maintenance & Support Services
- Tank & Meter Calibration Services
- Forecourt Controllers
- Consultations & Audits
- Business Data Intelligence