

Innovation, Detection

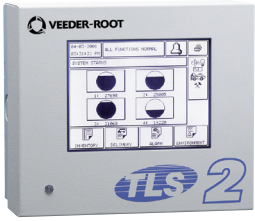






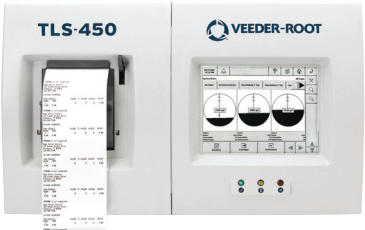





Management & Control



Automatic Tank Gauging

Automatic Tank Gauging benefits and features

TLS 2 Series	TLS-300 SERIES	TLS-350 SERIES
		
Value Propositions		
<ul style="list-style-type: none"> > Automated inventory control eliminates need for time consuming manual dipping > Accurate inventory data available on-site and at remote management centres > Test underground tanks for leaks, certified to international standards > Graphical touch screen display for easy, intuitive operation 	<ul style="list-style-type: none"> > Automated inventory control eliminates need for time consuming manual dipping > Accurate inventory data available on-site and at remote management centres > Test underground tanks for leaks, certified to international standards > Monitor additional leak detection sensors for improved environmental protection 	<ul style="list-style-type: none"> > Optimal risk management and environmental protection for the whole forecourt > Automatic calibration provides highest quality data for wet stock analysis > Automatic reconciliation features identify causes of variance for quick resolution to help you save money > Automatically test pressure lines after every dispense with programmable STP shutdown
Key Features		
<ul style="list-style-type: none"> > Maximum probes: 6 > ¼ VGA Touch-screen > Static precision tank testing > RS232 / RS485 and Ethernet communications > Parallel printer or USB PC connection > Integral relay output > Compatible with Inform™ and FMS > Density measurement option 	<ul style="list-style-type: none"> > Maximum probes: 8 > Leak detection sensor options > Static and Statistical precision tank testing > Serial, Ethernet, GSM or IFSF connectivity > Integral printer > 2 built-in input/output relays > Compatible with Inform™ and FMS 	<ul style="list-style-type: none"> > Maximum probes: 16 > Automatic calibration and reconciliation > Static and Statistical precision tank testing > Dynamic leak detection > Pressure line monitoring > Comprehensive leak detection sensor options > Modular, expandable system architecture
Enhanced Benefits		
<ul style="list-style-type: none"> > Real time inventory data on demand > Facilitates efficient network management > Enables improved delivery efficiency > Optimise inventory control > Aids quicker detection of leaks > Automatic tank level warnings > Water detection > Fuel density & mass reproting > LAN or WAN integration 	<ul style="list-style-type: none"> > Real time inventory data on demand > Facilitates efficient network management > Enables improved delivery efficiency > Optimises inventory control > Reduces environmental risk > Automatic tank level warnings > Water detection > Wide choice of connectivity 	<ul style="list-style-type: none"> > Calibration closely matched to actual tank profile > Automated wet stock management > Identify causes of Delivery and Temperature variance > Delivery verification > Dynamic leak detection as the site operates > Automatic testing of pressure lines > Programmable STP shutdown on test fails

TLS-RF	Magnetostrictive Probes and Level Sensors	TLS-450
		
Value Propositions	Value Propositions	Value Propositions
<ul style="list-style-type: none"> > Reduce ATG installation costs for sites without ducting > Minimal interruption to business > Makes full ATG benefits available without high investment 	<ul style="list-style-type: none"> > Accurate and repeatable height and temperature data > Automate monitoring of a wide range of fuels > Virtually maintenance free > Third party certified for precision tank testing > Monitor tall tanks up to 17m on TLS system > Monitor fuel quality with density measurement 	<ul style="list-style-type: none"> > Future-ready technology <ul style="list-style-type: none">  > One-touch access to everything <ul style="list-style-type: none"> 
Key Features	Key Features	Key Features
<ul style="list-style-type: none"> > Continuous inventory monitoring > Compatible with standard TLS consoles, Probes and Mag Sump sensors > License free frequency band > R&TTE compliant > Expected battery life two years minimum 	<ul style="list-style-type: none"> > Continuous level monitoring > Water detection > Multipoint temperature measurement > In-tank leak detection > LPG and AdBlue monitoring > Install in tank openings as small as 1 inch > Density measurement option > Fuel density & mass reporting 	<ul style="list-style-type: none"> > Opens a virtual window to your sites <ul style="list-style-type: none">  > Customisation that puts you in control <ul style="list-style-type: none"> 
Enhanced Benefits	Enhanced Benefits	Enhanced Benefits
<ul style="list-style-type: none"> > Wet stock management and sensor monitoring without breaking up the site > Full TLS functionality including Leak Detection, AccuChart™ and BIR/VA > No European radio approval required > Easy, non-invasive installation > Cost-effective upgrade for obsolete ATG systems 	<ul style="list-style-type: none"> > Long life, minimal maintenance > Detect water before it is dispensed > Prevent water & dry run damage to STPs > Monitor levels up to 16m high > LPG & AdBlue® tanks to central ATG system > Test tanks for leaks at no extra cost 	<ul style="list-style-type: none"> > Easy upgrade to TLS-450 <ul style="list-style-type: none"> 

Leak Detection Sensors

Gilbarco Veeder-Root offer a wide variety of sensors to monitor the environmentally sensitive areas around the forecourt for leaks. Our range includes Discriminating Sump Sensors, Interstitial Sensors for double wall tanks and lines and Monitoring Well Sensors.

PLLD Pressure Line Leak Detection

Our TLS-350 & TLS-450 Automatic Tank Gauge platforms integrate seamlessly with submersible pumping systems to automatically test pressure lines for leaks.

Fuel lines can be precision tested to US EPA standards of 0.38 or 0.76 litres per hour at user defined intervals for increased peace of mind, with programmable automatic pump shut down for ultimate security.

DIS Delivery Information Systems

Delivery Information Systems are designed to help control and manage unattended fuel deliveries at petrol filling stations. The DIS product family ranges from the simple DIS-50 window mounted display to the fully featured DIS-500 forecourt terminal. DIS systems enhance the value of the ATG system by making deliveries possible at any time, even when the station is closed.

Gilbarco Veeder-Root Products – behind every successful forecourt

Gilbarco Veeder-Root is the largest supplier in the world representing the leading brands of solutions and technologies that provides convenience, control and environmental integrity to retail fuelling and adjacent markets. Gilbarco Veeder-Root is the only manufacturer that can provide all your fuel forecourt solutions.



Pumps and Dispensers

Designed to be at the core of retail forecourt solutions centering on quality and innovation, Gilbarco Veeder-Root's broad portfolio of pumps and dispensers are proven to deliver profitability for our customers today and tomorrow.



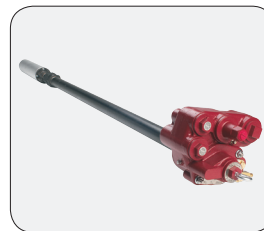
Automatic Tank Gauging

Innovative tank monitoring and loss detection to automate wet stock management, environmental control and risk management across the network and allow centralised data management to optimise operational profitability.



Payment

Secure and flexible payment solutions to create new business at the pump.



Submersible Pumps

The most efficient way to pump fuel on a forecourt; consistent flow rates, no vapour lock and minimal maintenance.



Automation

Solutions that drive efficiencies, prevent fraud, improve customer experiences and increase profitability.

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