

Gilbarco Veeder-Root Solutions

With a universal range, global reach, deep-rooted expertise and superior customer service, Gilbarco Veeder-Root is committed to building better business for its customers.

Wetstock Management

Improve performance, uptime and security

Our comprehensive range of compliant and reliable Wetstock Management solutions offers you advanced engineering and a responsive service. Scalable and customisable, our tools provide control, security and data across networks of all sizes anywhere in the world.

Ultimately, our solutions enable you to stay compliant and in control.

Our range includes:

- > Automatic Tank Gauging
- > Fuel Management Services
- > Submersible Turbine Pumps
- > Remote Monitoring



Business Support

Protect assets and drive operational efficiency

Our Business Support solutions minimise downtime and disruption by providing the tools, services and technology necessary for our customers to get more from their businesses.

With an extensive reach throughout Europe, you can be assured that no matter where your business takes you, our comprehensive range of services will always be available.

Pumps & Dispensers

Robust, reliable, accurate and secure technology

Our Pumps and Dispensers feature flexible, innovative and upgradable technology. They not only grow with your business, but also improve the forecourt experience for your end-users.

By focusing on the unique requirements of our customers, we deliver high quality and reliable solutions that are designed to support better business now and in the future.

Retail Solutions

Maximise profitability and minimise overheads

Our leading Point of Sale, Head and Back Office Systems and forecourt controllers create new business at the pump and enable deeper insights into stock, logistics and security.

Working alongside our wide range of products and services, our Retail Solutions are designed to work for you.

TLS-350 SERIES

Integrated solution for centralised, single system site monitoring

- > AccuChart™ automatic calibration provides highly accurate and usable wetstock data
- > Automatic reconciliation to gain insight into wetstock variance
- > Remote connectivity via Ethernet and GPRS
- > Dynamic & statistical leak detection to monitor tanks & lines as the site operates
- > Electronic line testing for pressure systems with automatic STP shutdown
- > Leak detection sensor monitoring



Building Better Business

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Why TLS-350 Series?

The TLS-350 Series is the industry-leading range of gauges that provides you total control of your fuel levels. TLS-350 Series consoles ensure you comply with environmental risk management requirements and help you improve your bottom line.

TLS-350 Series Common Features

Modular design

The TLS-350 Series lets you choose the exact set of risk management and fuel management features you need today. As regulatory requirements and your business needs change, the flexible TLS-350 Series platform allows you to add new features tomorrow.

A safe investment, a smart decision.

AccuChart™

The TLS-350 Series uses AccuChart™, Veeder-Root's patented tank calibration algorithm, to minimise errors due to dynamics, such as tank tilt, deflection and end shape, to create an optimal tank chart for each tank in the system.

The automatic calibration process is conducted through the typical operating levels in the tank as fuel is dispensed.

Leading-edge detection technology

The TLS-350 Series has defined the industry standard for tank monitoring systems with:

- > Advanced magnetostrictive probe technology offering 0.76 LPH monthly monitoring and 0.38 LPH volumetric tank testing;
- > Accurate, automatic electronic line leak detection;
- > A complete range of standard leak sensors to monitor double-wall tanks, containment sumps, and wet or dry wells.
- > Continuous Statistical Leak Detection (CSLD), the most advanced leak detection technology available today that provides 24-hour, automatic leak detection without tank shutdown for 24-hour stations and high volume operations.

No lost business. No lost operating time.

Delivery verification

Adjusted delivery reporting ensures that you get what you pay for. When a bulk delivery is made, the TLS-350 Series measures the amount of any fuel dispensed during delivery and provides a report showing the volume increase, the amount of fuel dispensed during the delivery and the actual delivery amount.

Advanced business management features

The TLS-350 Series takes business management a step beyond normal fuel inventory management.

- > The internal Ethernet and GPRS/GSM communications options allow easy remote connectivity for centralised network control, fuel logistics management and receipt of critical alarm messages instantaneously.
- > The optional fuel manager software available for the TLS-350 Series allows you to track average daily fuel usage, predict the days of remaining inventory, and improve delivery scheduling.
- > By utilising Inform™, Veeder-Root's tank management software, all inventory management and environmental compliance can be easily centralised on a personal computer in one location.

The use of these time and money saving options extend your investment in the TLS-350 Series beyond environmental risk management requirements, improving your bottom line.

TLS-350R or TLS-350 Plus?

TLS-350R Advanced Reconciliation Features

Business Inventory Reconciliation

Veeder-Root's TLS-350R Monitoring System adds value to automatic tankgauging with highly advanced inventory management capability – Business Inventory Reconciliation.

This fully integrated system automatically collects metered sales information from electronic and mechanical dispensers and provides a comprehensive reconciliation with in-tank inventories and deliveries.

Variance analysis

The highly accurate inventory readings introduced through AccuChart™ allow the system to pinpoint critical wetstock issues, such as delivery and temperature variances. Actual site reconciliation performance can be quickly understood.

Variance analysis allows the operator early identification of fuel loss problems to give the user a competitive edge.

Periodic variance thresholds

The TLS-350R automatically calculates periodic variance thresholds and includes the variances on a Periodic Reconciliation Report.

The variance threshold is programmable so it can be set to local regulations if necessary.

TLS-350 Series automatic tank gauge system capabilities

Capability	TLS-350R	TLS-350 Plus
> Continuous inventory monitoring for up to 16 tank compartments	Y	Y
> Automatic adjusted delivery reports for accurate delivery verification	Y	Y
> Monitor LPG and AdBlue	Y	Y
> AccuChart™ Automatic Tank Calibration	Y	Y
> Automatic Tank-to-Meter Mapping	Y	Y
> HRM Hourly Reconciliation Monitoring - dynamic leak detection watchdog	Y	Y
> Business Inventory Reconciliation	Y	N
> Variance Analysis	Y	N
> Fast, 0.38 LPH & 0.76 LPH in-tank leak detection	Y	Y
> CSLD precision tank testing option for continuous 24-hour leak detection	Y	Y
> Automatic, precision line testing and leak detection for pressure systems	Y	Y
> Auto-dial out capability out for centralised alarm management	Y	Y
> Third party certified precision leak detection for tanks and lines	Y	Y
> Enhanced wetstock management via Inform™ remote polling application or FMS Fuel Management Services	Y	Y
> Up to 32 External Inputs from other forecourt devices for extended alarm monitoring capability	Y	Y
> Up to 32 Relay Outputs to control / activate on site systems & devices	Y	Y
> Programmable in-tank alarms to automatically monitor critical high or low fuel levels and water ingress	Y	Y
> Data communications via RS232, RS485, Ethernet or IFSF	Y	Y
> Compatible with Mag-FLEX flexible probes for above ground tall tank installations	Y	Y
> Proven performance and reliability in the field	Y	Y

* AccuChart, BIR/VA and HRM features require a DIM (Dispenser Interface Module) for connection to a compatible Forecourt Controller

