

TLS4B

EVERY TANK HAS A STORY TO TELL



Building Better Business





Why TLS4B?

Every day, you spend valuable time checking inventory levels for ordering fuel or verifying correct delivery amounts. If you are manually dipping your tanks, you are not getting the full story.

Do not lose inventory, productivity, or customer loyalty by relying on incorrect manual monitoring. The TLS4B automatic tank gauge system is an easy to navigate solution that affordably streamlines your wetstock management.

Benefits include:

Proven Profit

The compact and powerful TLS4B monitoring system is versatile and extremely easy to navigate. View, configure, and control the TLS4B using the Graphic User Interface (GUI), or at multiple locations using web-enabled, to improve efficiency and save money.

Wetstock Management

- > Higher accuracy over manual reconciliation methods
- > Eliminate dipstick reading errors
- > Eliminate data transcription error
- > Avoid manual reconciliation errors to more quickly understand variances caused by temperature, delivery shortages and leaks

Proven Protection

The Gilbarco Veeder-Root TLS4B monitoring system uses probes, sensors and advanced software solutions to deliver accurate wetstock and forecourt information. The TLS4B protects your fuel assets whether you are on-site or far away from your business.

- > Web-enabled remote connectivity – the TLS4B offers anytime, anywhere access via web-enabled devices to monitor site performance, providing peace-of-mind by delivering real-time alerts, detailed reports and inventory data
- > Data protection – up to three years data storage that is protected in the event of a power outage, battery replacement or software upgrade
- > Improved health and safety standards – the TLS4B eliminates manual tank dipping, reducing site staff's exposure to harmful fumes and traffic hazards
- > Customised user access – A user configurable login enables deployment of company specific security controls and procedures

Productivity Improvements

- > Colour touch screen – easy, clear navigation quickly points to crucial information which allows operators to focus on customers
- > Custom alarms – pre-programmed alarm alerts provide scenario-specific information to predetermined individuals to increase efficiency
- > Customised home screen and favourites – ease-of-use saves operator response time
- > Faster problem resolution – remote troubleshooting and diagnosis prevents unnecessary dispatch and more efficient service calls
- > Customer satisfaction – the TLS4B eliminates manual tank dipping so station managers have more time to work with customers

Proven Precision

The TLS4B automatic tank gauge is the premier inventory control solution. It delivers accurate, crucial information, including:

- > Temperature compensated volume – sophisticated algorithms compensate for the impact of temperature on product volume, delivering a precise inventory picture
- > Advanced sensor technology – compatible with existing Gilbarco Veeder-Root probes and sensors
- > Standard delivery report – provides real-time details of delivery start and end times, temperature, volume, height and water
- > Smart communication – for notifications of pre-programmed events by email, or via remote monitoring applications
- > Inventory level – real-time access to inventory data and alarms anytime, anywhere or via serial commands to a back office system

Proven Partner

Founded nearly a century ago, Gilbarco Veeder-Root is the global leader in automatic tank gauging, backed by an unmatched service network. Around the globe, more than half a million petroleum marketers and commercial fuelling businesses enjoy increased profits and protection of their fuel assets with Gilbarco Veeder-Root's solutions. Our proven company history, combined with the highest precision levels in our wetstock management tools, delivers results that matter and the protection your business deserves.

Technical Specifications

TLS4B System Capabilities and Options

Console Type

Part Number - ATEX Consoles	860166-020 (with Display); 860166-010 (no Display)
Operating System Software	333435-001
Operating System	Linux
Online Context Sensitive HELP	Standard
Universal Inputs (Probes and / or Sensors)	6
Probe Compatibility	All Mag Plus and Mag-FLEX Probes
Sensor Compatibility	All TLS sensors excluding PLLD and SCVS
Relay Outputs (5 Amp) ¹	2
External Input (low voltage 12VDC)	1
SLD Static Tank Testing to 0.38 or 0.76 lph ²	Optional
Communication Ports	2 x Serial Ports, each configurable as RS232 or RS485, optically isolated
	2 x USB
Ethernet Ports	1
Internet Access	Web-Enabled: View and control the TLS4B from any web browser or iPhone / iPad with the TLS Polling App
Automatic Dial Out of Alarms & Data	YES (via Inform™ or Insite360™)
Email Notification of Alarms, Events & Reports	YES (via Ethernet)
User Operation	7" w VGA LCD colour touch screen with user-friendly graphic display
Tank Chart Options	Multipoint tank chart, up to 5,000 points
Phase-Two Compatibility	YES (requires 4" tank entry)
TLS-RF Wireless Compatibility	YES (excludes Density probes)
Language Options	English, Finnish, French, German, Italian, Polish, Russian, Spanish and Portuguese (language choice selectable on set-up)
Communication Protocols	Gilbarco Veeder-Root Serial Commands, H-Protocol and European Protocol (B ^ A)
Printer Compatibility	Print via local network or USB (subject to driver availability)
Voltage	115 or 230 Volts AC, selectable
Safety Approval	DEMKO 11 ATEX 1111659X
Operating Temperature	0°C to 50°C
Storage Temperature	-40°C to 50°C
TLS4 / 4B Console Dimensions (mm)	221 High x 331 Wide x 92 Deep
TLS4 / 4B Console Weight	2.9 Kg

¹ Additional Output Relays can be provided by using an External 8-Channel Relay Output Module p/n 900156 ² Leak detection probes required

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 offer 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
- > Submersible Turbine Pumps
- > Remote Monitoring - Insite360



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 & 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 (POS), Head Office Systems (HOS), Back Office Systems (BOS) 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.