

TLS-300

Highly effective and affordable wetstock control and environmental monitoring system.

- > Monitors up to eight tanks
- > Continuous inventory monitoring
- > CENELEC approved
- > Safe and simple set-up and installation
- > Meets requirements for precision tank testing
- > Menu driven programming and operating functions



Why TLS-300?

TLS-300

Gilbarco Veeder-Root's TLS-300 monitoring system features inventory control and in-tank leak detection capabilities to meet business management and tank testing requirements at your site.

The system monitors a maximum of 8 Magnetostrictive probes, either Mag 1 or Mag 2 or a combination of the two. Magnetostrictive probes are highly accurate and reliable, and are compatible with a wide range of fuel types. Mag 1 probes meet all requirements of the US EPA for tank testing at the 378ml per hour rate, and should be used where single wall tanks are installed so as to be able to meet future tank testing requirements. The Mag 2 probe is intended for use in double wall tanks where the provision of leak containment may mean that the tank testing requirements are less stringent.

The TLS-300 system is equipped with visual and audible alarms which are triggered by a number of in-tank conditions, such as overfill, high water and low product.

Remote Control™ inventory management and environmental control software enables off site polling of the TLS-300 for monitoring inventory, alarm conditions and system status from remote locations.

Standard models

Console form No.	Description
848560-241	TLS-300 with Integral Printer
848560-231	TLS-300 without Printer

In-tank probe compatibility

The following probes are compatible with the TLS-300 UST Monitoring System:

Probe form No.	Description
847360-XXX	Mag 1* Magnetostriuctive Probe
847360-XXX	Mag 2** Magnetostriuctive Probe

Refer to Gilbarco Veeder-Root Price for required probe lengths and corresponding 3-digit Form Number suffix.

*Mag 1 probes have a 0.1 GPH leak detection capability

**Mag 2 probes have a 0.2 GPH leak detection capability

Features and Benefits

System capabilities

- > Monitors up to 8 tanks
- > RS-232 Communications interface provides for data transmission to computers or point of sale terminals
- > Optional integral report printer documents inventory, leak detection, alarm and set-up information
- > Programmable in English, Spanish, French, German, Portuguese, Polish, Finnish and Swedish

Alarm capabilities

In-tank warnings and alarms are activated for the following conditions:

Leak | Low product | Test failure | Sudden loss | Delivery needed | Overfill | Highwater | Tank test not performed

Delivery reports

- > Automatically produces a report whenever a delivery takes place
- > The report is time and date stamped and shows before and after volume, water contents and temperature for each tank into which a delivery was made

Input/Output capabilities

- > 2 built-in inputs provide for solid state or switch input from external devices
- > 2 built-in output relays provide for outputs to external audible and visual warning devices

Status report

- > On demand status report with record In tank leak detection capabilities
- > Provides precision tank testing facilities so that there is no need to perform separate and costly tank tests
- > Up to 8 tanks tested using Gilbarco Veeder-Root
- > Magnetostrictive probes
- > Mag 1 probes required for 378ml per hour leak testing recommended for single wall tanks
- > Mag 2 probes for 576ml per hour leak testing

Market leaders

- > Gilbarco Veeder-Root has developed the TLS-300 to complement their full range of products which has been designed to meet the needs of both large and small petroleum retailers