

# TLS-300C

Designed as a high quality and cost effective tank monitoring system.

This system is for non-retail, commercial industrial, and municipal tank owners. The TLS-300C two tank configurable console offers the ultimate flexibility in one to two tank inventory control, and in-tank leak detection systems.

Veeder-Root's TLS-300C tank monitoring system can be configured to provide in-tank leak detection for underground storage tank (UST) applications: with either one to two leak detection series 8463 0.1 GPH Mag Plus Magnetostrictive Probes, or one to two 8463 Mag Plus Magnetostrictive Inventory Measurement Probes to support above ground storage tank (AST) applications.

Additional configurable options are designed to provide printed documentation and remote monitoring flexibility. The optional integral printer provides fast, quiet continuous printouts. The optional SiteFax option can be programmed to transmit leak detection and inventory reports, as well as real-time alarm reporting to fax machines or other communications devices.

Standard features include back-up generator capabilities, as well as capacity to accept up to eight Veeder-Root Series 7943 float-switch sensors. This high quality, low cost family of sensors includes interstitial leak sensors for steel and fiberglass tanks, piping sump sensors, hydrostatic sensors, and discriminating dispenser pan and containment sump sensors.



## Features

- System monitors up to two tanks
- RS-232 Communication Interface with Auxiliary Port provides two 25-pin D-connectors for data transmission to computers or point-of-sale terminals
- Automatic continuous leak sensing: tank interstitial space; piping sump
- Audible alarm and display indicate leak location
- In-tank warnings and alarms are activated for the following conditions: leak, overfill, low product, sudden loss, high water, delivery needed, test failure, tank test not performed
- Accepts up to eight interstitial / containment float sensors
- Interstitial and piping sump warnings and alarms are activated for the following conditions: fuel presence, low liquid, high liquid
- Alarm relays can trigger alarm/security devices
- Two built-in inputs provide for solid-state or switch input from external devices
- Two built-in output relays provide for outputs to overfill alarms and external audible and visual warning devices
- Either relay can shut down the submersible if power to the monitor is lost or a leak is detected
- Emergency generator applications are selectable via programming
- One system handles a mix of standard and emergency generator tanks
- Records generator activity
- Complete inventory reports before and after generator operation

# Technology that simplifies inventory management and saves valuable time.

## Configurable Features

- Continuous Statistical Leak Detection for in-tank leak detection without tank shutdown
- Integral printer, which documents inventory leak detection, alarms and setup information
- SiteFax modem for remote management of leak detection and inventory alarms and reports
- One or two Veeder-Root Magnetostrictive Probes for 0.1 GPH in-tank leak detection with 4" float kit and 5" cable
- One or two Veeder-Root Inventory Only Probes for inventory control with 4" float kit and 5" cable

## Descriptions and Part Numbers

Console Form Number: 848590-521

Description: TLS-300C 0-2 Tank Configurable Console with Integral Printer

Console Form Number: 848590-511

Description: TLS-300C 0-2 Tank Configurable Console without Integral Printer

Software Enhancement Modules\*: 330161-001 330161-003

Description: Static In-Tank Testing CSLD

Optional Site Fax Modem: 331398-001

Description: Site Fax Modem Kit for TLS-300 Series Consoles

Optional Ethernet/IP Card: 330020-424

Description: Ethernet/IP Kit for TLS-300 Series Consoles

## The following probes and sensors are compatible with the TLS-300C Monitoring System:

FORM NO.	DESCRIPTION
847390-1XX	0.1 GPH Magnetostrictive Probe
847391-XXX	0.1 GPH Magnetostrictive Probe for Alternative Fuels
847390-3XX	Magnetostrictive Probe for Inventory Measurement
846390-1XX	0.1 GPH Mag Plus Magnetostrictive Probe
846391-1/4XX	0.1 GPH Mag Plus Magnetostrictive Probe for Alternative Fuels
846391-3/6XX	Mag Plus Magnetostrictive Probe for Inventory Management
847398-XXX	Retrofit Mag Plus Probe for standard Mag Probe
847399-XXX	Retrofit Mag Plus Probe for standard Mag Probe
794390-40X	Interstitial Sensor for Fiberglass Tanks
794390-420	Interstitial Sensor for Steel Tanks
794390-20X	Piping Sump Sensor
794380-301	Single-Point Hydrostatic Sensor
794380-302	Dual-Point Hydrostatic Sensor
794380-322	Discriminating Dispenser Pan Sensor
794380-352	Discriminating Containment Sump Sensor

Please refer to the Veeder-Root Price List for required probe and sensor lengths and corresponding 3-digit Form Number suffix.

For more information call

**1-888-561-7942**

