

TLS-300 Tank Gauge Family

The highest quality,
most cost effective
tank monitoring systems

Designed for users who know exactly what they want from their tank gauge, the TLS-300 product family provides economical yet configurable tank monitoring options, allowing inventory control, in-tank leak detection and optional leak sensor monitoring.

The TLS-300 is simply the highest quality and most cost-effective range of tank monitoring systems for retail, commercial, industrial, and municipal tank owners.

TLS-300C

The TLS-300C 2-tank console provides monitoring for up to two tank compartments and eight leak detection sensors.

TLS-300i

The TLS-300i 4-tank console provides monitoring for up to four tank compartments and eight leak detection sensors.

TLS-300 8x8

The TLS-300 8x8 console offers the ultimate flexibility, with tank monitoring for up to 8 compartments and leak monitoring for up to eight leak detection sensors.

TLS-300

The TLS-300 8-tank console provides monitoring for up to eight tanks, without additional sensor capability.

Veeder-Root's TLS-300 tank monitoring systems can be configured to provide in-tank leak detection for underground storage tank (UST) applications with leak detection certified for 0.76 or 0.38 LPH detection rates. If only inventory tank monitoring is required, the TLS-300 tank monitoring systems can be fitted with low cost Inventory only probes.



Standard Features

- Systems monitor two, four or eight tank compartments
- Automatic continuous leak sensing: tank interstitial space; piping sump for up to 8 sensors
- Audible alarm and display indicate leak location
- In-tank warnings and alarms are activated for the following conditions: leak, overfill, low product, high water, delivery needed, test failure, tank test not performed
- Interstitial and piping sump warnings and alarms are activated for the following conditions: fuel presence, low liquid, high liquid
- RS-232 Communication Interface with auxiliary port provides two 25-pin D-connectors for data transmission to computers or point-of-sale terminal
- Two built-in inputs and/or outputs provide for solid state or switch input/output from external devices. Either relay can:
 - Shut down the pump if power to the monitor is lost or a leak is detected
 - Trigger external alarm/security devices.
- 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

Options

Additional configurable options are designed to provide printed documentation and remote monitoring flexibility. The optional integral printer provides fast, quiet continuous printouts. The optional modem 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.

Technology that simplifies inventory management and saves valuable time

Standard Models

Part number		Description	Probes	Sensors
115V UL	230V ATEX			
848590-521	848560-541	TLS-300C 2 tank, 8 sensor configurable console with integral printer	2	8
848590-511	N/A	TLS-300C 2 tank, 8 sensor configurable console without integral printer	2	8
848590-421	848560-440	TLS-300i 4 tank, 8 sensor configurable console with integral printer	4	8
848590-411	848560-430	TLS-300i 4 tank, 8 sensor configurable console without integral printer	4	8
848590-013	848560-013	TLS-300 8x8 8 tank, 8 sensor configurable console with integral printer	8	8
848590-012	848560-014	TLS-300 8x8 8 tank, 8 sensor configurable console without integral printer	8	8
848590-221	848560-241	TLS-300 8 tank console with integral printer (no sensors)	8	0
848590-211	848560-231	TLS-300 8 tank console with integral printer (no sensors)	8	0

Software and Communication Options

Part number	Description
330161-001	Static in-tank testing enhancement module (included with TLS-300 8-tank, no sensor)
330161-003	Continuous Statistical Leak Detection (CSLD) Software Enhancement Module
532-100-2017	Internal Landline Modem Kit for Europe, Middle East and Africa
532-100-2018	Internal GSM Modem (SIM card not included)
330020-424	Ethernet/IP kit
330020-408	IFSF Communication Module
330020-127	Communication Module for connecting to Delivery Information Systems
331398-001	SiteFax Modem Kit (US only)
464-000-4200	RS-485 Communications Module for connecting to Delivery Information Systems with RJ45 cable x3m
330020-414	RS-232 SiteLink Module

The following probes and sensors are compatible with TLS-300 Monitoring Systems

Part number	Description
Series 8473	Magnetostrictive Probes - Standard
Series 8493	Magnetostrictive Probes - Low Level
Series 8463	Magnetostrictive Mag Plus Probes
794390-40X	Interstitial Sensor for Fibreglass Tanks
794390-420	Double Wall Piping Sensor/Steel Tank Interstitial Sensor (US)
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
711-002-1000	Interstitial Sensors for Double Walled Tanks with Liquid Filled Interstice

Specifications

Operating Temperature Range	0°C to 45°C (32°F to 118°F)
Storage Temperature Range	-10°C to 45°C (15°F to 118°F)

Dimensions

Width x Height x Depth:	51 x 33 x 11cm
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For more information call

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