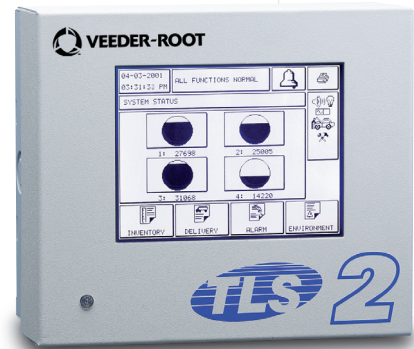


TLS 2

Comprehensive inventory control with easy to use touch-screen operation



Automated wet stock control

The TLS 2 provides site operators with everything needed to manage fuel inventory, in a compact, affordable package. Continuous inventory monitoring, automatic tank level alarms and intuitive operation take the effort and uncertainty out of controlling fuel stocks. Simple, touch-screen menu navigation means that key facts and figures are literally at your fingertips.

Management information

Detailed fuel inventory information is displayed graphically for all tanks. Additional user menus for Delivery, Alarm, Set up and Environmental data are easily accessible from the main screen. Fuel deliveries are recorded in rolling 10-event memory for easy delivery verification.

Local interfaces

A high level of connectivity is possible through three built-in communications ports. These allow local interface with the POS or BOS systems, remote driver display and serial printer. Optional GSM and landline modems add the ability to remotely monitor TLS 2 systems.

Remote monitoring

Using Inform™ remote polling software, multiple sites can be managed from a central location. TLS alarms can be programmed to dial out as they occur, generating automatic notification of situations requiring urgent attention such as low fuel levels or water ingress.

Remote diagnostics also enables quicker, lower cost maintenance.

Leak detection

When used in conjunction with Mag 1 or Mag 2 probes, precision tank tests can be performed to US EPA certified standards. Testing can be instigated on-demand or programmed to run at pre-set intervals.

Wide application

TLS 2 is suitable for a wide range of fuel storage facilities, not just petrol stations. In fact, anywhere that hydrocarbon fuels or LPG are stored could potentially benefit from a TLS 2 system.

TLS homescreen allows easy navigation to gauging areas

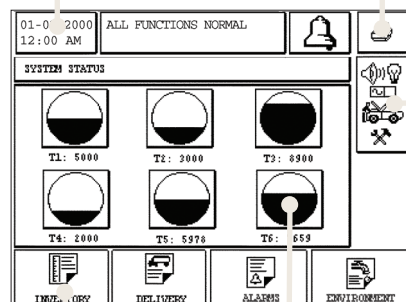
Header is fixed on all screens. Header shows time, date, system status and alarm acknowledgement button

Print button. Available on most screens.

Main set-up and diagnostics menu

Main operations menu. Options are:

- Inventory
- Delivery
- Environmental
- Alarm



Tapping on one of the tanks will take you to tank details screen

TLS 2 System Capabilities and Options

Part Number	856060-060 (ATEX)	856090-060 (UL)
Standard Features	•Maximum Probes: 6 •Automatic dial out of alarms & data •Compatible with Inform™	•Static tank testing to 0.38 or 0.76 LPH* •External output relay •Compatible with Delivery Information Systems
User Operation	1/4 VGA graphics touch screen display	
Available Reports	Inventory, Deliveries, Delivery History (max.10), In-tank Static Tank Test Results, Active Alarms, Alarm History and Diagnostics	
Displayed Alarms	Max Product, Overfill, Delivery Needed, Low Product, Invalid Height, High Water, Low Temperature, Probe Out, Autodial Failure	
Displayed Data	Product Volume (actual & temperature compensated), Ullage, Height, Temperature, Water Height and Fuel Grade	
Status Indicator	Bi-colour LED: Green = Normal, Red (Flashing) = Alarm	
Language Options	English, French, Spanish, Polish, Russian, Swedish, Finnish, Portugese, German & Chinese (language choice selectable on set-up)	
Communication Ports	LPT port, Comm. 1 (RS232) & Comm. 2 (RS232 or 485). Protected by 6-digit passwords.	
Communications	European Hnn and B^A	
Printer Compatibility	External serial or parallel printer, EPSON or EPSON emulation (locally supplied by customer)	
Voltage	115 or 230 Volts AC, selectable	
Approvals	ATEX & UL	
Operating temperature	0 to 40°C	

Probe Compatibility

Probe Type	Series 8463 Mag Plus or Series 8493 Standard Mag		
Probe Model	Mag 1	Mag 2	Inventory Only
Part Number Series 8463	8463xx-1xx	8463xx-2xx	8463x1-3xx (WD) 8463x1-6xx (no WD)
Available Float Sizes	3" or 2" Fuel / Water Float	3" or 2" Fuel / Water Float	3", 2" or 1" Fuel / Water Float
Construction	Stainless steel or aluminium shaft, aluminium canister housing electronics		
Operation	Magnetostrictive measurement technology		
Probe Lengths	Measuring lengths available in one-inch increments between 24 and 144 inches		
Compatible Fuel Types	Petroleum Spirit, Diesel, Light Oil, Heavy Oil, Alcohol & Alcohol blends, LPG		
Approvals	ATEX & UL		

* Note: static tank testing requires either Mag 1 (0.38 litres per hour) or Mag 2 (0.76 litres per hour) probes

Sample Printers (locally supplied)

Manufacturer	Printer	Model Interface Type
Epson	LX-300	Serial / Parallel
Epson	LX-300+	Serial / Parallel
Seiko	DPU-414-30B	Serial / Parallel