

## Tank Sentinel® - Automatic Tank Gauge TS-5

The INCON automatic tank gauge provides inventory and leak detection for up to twelve storage tanks.



### Features

- Can monitor up to 12 tanks.
- Continuous inventory monitoring and tank testing through proven magnetostrictive probe technology.
- Highest rated continuous 24 hour leak detection (SCALD) in the industry.
- Low cost, compact console.
- Standard communication ports including Ethernet, (2) RS-232 and USB.
- Internal fax and data modem options.
- Generates inventory, compliance and fuel management reports.

### Capabilities

The automatic tank gauge is built on an established open system software platform.

- Standard Ethernet connection allows easy integration to existing wide area networks.
- XML based software allows access to data remotely without the need of additional software.
- Graphical touch screen LCD allows text to be displayed in native language.
- E-mail notification gives station owners real-time status information.

### Applications

The automatic tank gauge has been designed to monitor tank tightness and gather inventory information.

- Third party approved volumetric leak detection (Pd=99.9% at 0.2 gph).
- Can provide dispenser information and automate reconciliation when used in conjunction with the Dispenser Interface Module.
- Provides accurate inventory information, including reports that can be used to better schedule deliveries.
- Multipurpose relays which can be used for outputs to overfill alarms and external audible and visual indicators.



### TS-5 Specifications

Number of tanks monitored	12
Input channels	2
Output only channels	2
Display type	Touch screen LCD
Applicable liquids	Petroleum, chemicals and hazardous waste
Level units	Inches, centimeters and millimeters
Volume units	Gallons or liters
Display size	320 x 240 pixels
Power requirements	110-220 VAC, +15%, -10%, 150 Watt maximum, 1.5 Amp
Operating temperature	32° to 104° F (0° to 40° C)
Storage temperature	-4° to 140° F (-20° to 60° C)
Intrinsic Safety Rating	US: Class I, Div. I, Group D Europe: Group IIA, Zone 0

MODEL	DESCRIPTION
T5D	TS-5 console with LCD Display

Note: Includes one TS-PRB (12 input probe module).

### Fixed Feature Modular Console Software & Hardware Options

The TS-5 console comes standard with the ability to perform in-tank leak detection. The following software and hardware options can be added to customize your consoles. The Internal Hardware Options will be factory installed when ordered with the console.

PART NUMBER	DESCRIPTION
<b>Internal Software Option</b>	
TS-TT	(T) Statistical Continuous Automatic Leak Detection, 24 Hour Continuous Tank Testing Software
TS-TRAC	(R) Tank Inventory Reconciliation and Auto Calibration
<b>Internal Hardware Option</b>	
TS-DIMIB	(I) Internal Dispenser Interface Module (Dispenser Interface Cable must be ordered separately)
TS-LON	(E) EcheLON Communication Module (IFSF protocol capability)
TS-MDMIB	(M) Internal Modem (Includes fax and data software capability)

Note: Only one TS-DIMIB or TS-LON module can be installed per console.