TS-550 evo Fuel Management System

TS-550 evo brings a new level of usability and functionality to fuel management. A highly evolved user interface and blisteringly-fast new processor based on the proven TS-550 platform makes everything from daily functions to advanced setup and programming simple for every user.

Advantages

- Capable of monitoring even the largest sites.
- Continuous inventory monitoring and tank testing through proven magnetostrictive probe technology.
- Highest rated continuous 24 hour leak detection (SCALD) in the industry.
- Density measurement and alarm capabilities.
- Patented AutoLearn™ electronic line leak detection capability, including Statistical Line Leak Detection for high throughput lines.
- Standard communication ports including one Ethernet and RS-485, two USB and RS-232.
- Complete web interface and email capabilities.
- Turbine Pump Interface, intelligent STP control.
- Programmable product colors.
- Programmable One Touch buttons.
- Quick Jump menu ease of navigation.
- F.A.S.T. programming with the Franklin Auto Setup Tool.

Specifications

- Number of tanks monitored: 12 (72*)
- Number of lines monitored: 8 (48*)
- Sensor input channels: 12 (72*)
- Dry contact input channels: 2
- AC input channels: 12 (72*)
- 4-20 ma input channels: 8 (48*)
- Relay output channels: 2 (50*)
- Display type: color LCD touch screen
- Printer type: thermal
- Internal audible alarm
- Alarm, warning and power LEDs
- Applicable liquids: petroleum, chemicals and hazardous waste
- Level units: inches, centimeters and millimeters
- Volume units: gallons or liters (mass with density option)
- Display size: 7" (17.78 cm)
- Power requirements: 110 to 240 VAC, 50/60 hz, 2.6 Amps
- Operating temperature: 32° to 104 °F (0° to 40 °C)
- Humidity: 0-90% non-condensing
- Dimensions: 11" x 11.75" x 9.5" (279 mm x 298 mm x 241 mm)

Connectivity

- Ethernet/complete web interface
- RS-232/485
- USB
- Fax/data modem
- IFSF via Lon™

Capabilities

- Inventory and delivery management
- Leak detection sensors
- Static and Continuous tank testing
- Static and Statistical Electronic Line Leak Detection
- High, low and water alarm set points
- Inventory reconciliation / tank autocalibration
- Density and mass measurement
- Secondary Containment Monitoring (vacuum)
- Turbine Pump Interface (TPI)
- Email notifications
- Back-up generator monitoring / fuel flow control

Approvals

- UL, cUL, ATEX, IECEx
- Third party certification of leak detection capabilities

* Maximum number when including additional options.

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TS-550 evo & TS-5000 evo Fuel Management System Console Ordering Guide

Console model, software and hardware options can be listed separately or combined when ordering. Systems shipped from the factory will list the combined part number. Complete console part numbers have a specific order and are created using the following guidelines:

T X E D   P M Y / T R L S

T X = Model

T550 = TS-550 evo

T5000 = TS-5000 evo

P M Y = Hardware Options

P = Printer

M = Internal modem

Y = I for dispenser interface module or E for a LON module

T R L S = Software Options

T = SCALD 24-hour tank testing
R = Reconciliation/Autocalibration
L = Line leak detection
S = Secondary containment monitoring

TS-550 evo

Model	Description
T550ED	TS-550 evo base console without printer
T550EDP	TS-550 evo base console with printer

TS-5000 evo

Model	Description
T5000ED	TS-5000 evo base console without printer
T5000EDP	TS-5000 evo base console with printer

Expansion Console

Model	Description
EVO-EXPC	Secondary console to add eleven additional plug-in modules to the primary TS-550/5000 evo console, comes without a display or printer
EVO-EXPC2	Secondary console to add six additional plug-in modules to the primary TS-550/5000 evo console, comes without display or printer

TS-550/5000 evo Console Hardware and Software Options

TS-550/5000 evo consoles come standard with the ability to perform in-tank static leak detection. The following software and hardware options can be added to customize your console. The internal hardware options will be factory installed when ordered with the console.

Internal Hardware Options

Part Number	Description
EVO-DIMIB	(I) Internal dispenser interface module, dispenser interface cable must be ordered separately
EVO-LON	(E) Lon™ communication module, IFSF protocol capability
TS-MDMIB	(M) Internal modem, includes fax and data software capability

Note: Only one EVO-DIM or EVO-LON module can be installed per console.

Internal Software Options

Part Number	Description
TS-TT	(T) Statistical Continuous Automatic Leak Detection, 24 hour continuous tank testing software
TS-TRAC	(R) Tank inventory reconciliation and autocalibration
TS-ELLD	(L) Electronic line leak detection
TS-SCM	(S) Secondary containment monitoring