



# EVO™ 200 & EVO™ 400 AUTOMATIC TANK GAUGES

EVO™ 200 & EVO™ 400 Automatic Tank Gauges (ATGs) provide highly accurate inventory management and containment monitoring for small to mid-size fuel systems. Both ATGs feature the capability to interface with probes and sensors in any combination up to 6 (EVO™ 200) or 14 (EVO™ 400). Their simple setup and operation, remote connectivity, and advanced security features protect your fuel system while keeping you directly connected to vital site data whenever, and wherever. The highly-intuitive, full-color, icon-based touch screen provides user-friendly on-site access to inventory, alarm, and compliance data, while the FFS PRO™ Connect web interface provides remote access from any web device.

## HIGHLIGHTS

- Allows you to make informed, data-driven inventory management decisions while keeping your site in compliance and protected from security threats.
- Provides inventory monitoring, static and continuous tank testing, tank autocalibration, inventory reconciliation, and containment compliance monitoring.
- Streamlined setup and programming includes hardware auto-detection and wiring confirmation, extensive multipoint tank charting, network printer auto-detection, and the ability to copy and paste or move sections of the programming profile within the ATG or download and upload entire programming profiles from one ATG to another.
- Customizable user roles and log-in security features protect against unwanted access while keeping track of user activity within your system.
- Stores 5 years worth of critical data to provide back-up security from power outages or other system interruptions.
- Intuitive full-color 7" touch screen interface provides simplified on-site access features including:
  - One Touch buttons that are custom programmed to carry out common automated tasks with a single tap.
  - Quick Jump menu allows you to quickly maneuver from application to application using a single button.
  - Select your home screen, program your product colors, and customize your favorites screen - customize the interface the way you want it.
- FFS PRO™ Connect web interface allows you to directly connect to your ATG from any web enabled device that automatically scales for tablets and smart phones.
- Optional Wifi allows secure and protected on-site viewing of inventory levels for fuel delivery drivers.
- Available with optional 24 hour statistical continuous automatic leak detection (SCALD) and the industry's only Turbine Pump Interface (TPI) capability for enhanced and automated submersible turbine pump control.

## SPECIFICATIONS

- Maximum tanks monitored: 6 (EVO™ 200) / 14 (EVO™ 400)
- Maximum sensor input capacity: 6 (EVO™ 200) / 14 (EVO™ 400)
- Total # of inputs: 6 (EVO™ 200) / 14 (EVO™ 400)
- Dry contact input channels: 2
- Relay output channels: 2
- Connectivity: Ethernet, RS-232, RS-485, standard USB, mini USB, and Wifi (optional)
- Display type: 7" (17.78 cm) color LCD touch screen
- Printer type: External (network or USB)
- Alarm: Internal audible alarm
- LEDs: Alarm, warning, and power
- Tank chart correction points: 7,500
- Applicable liquids: Petroleum, chemicals, and waste
- Level units: Inches, centimeters, and millimeters
- Volume units: gallons or liters (mass with density option)
- 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: Height: 8" (205mm), Width: 13 ¾" (350mm), Depth: 3 ¼" (83mm)

### Capabilities

- High/low product, water, and temperature alarm set points
- Inventory reconciliation / tank autocalibration (optional)
- Density, mass, and phase separation measurement
- Email and SMS notifications
- Back-up generator monitoring

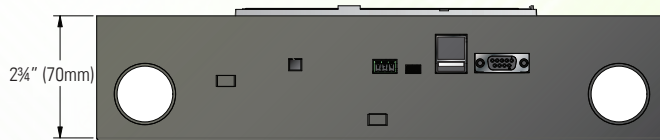
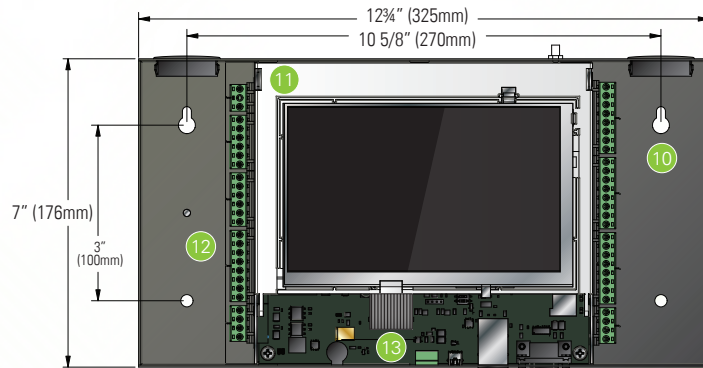
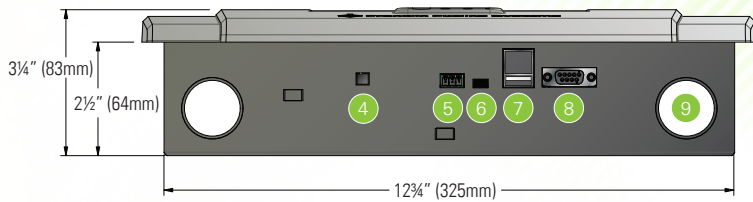
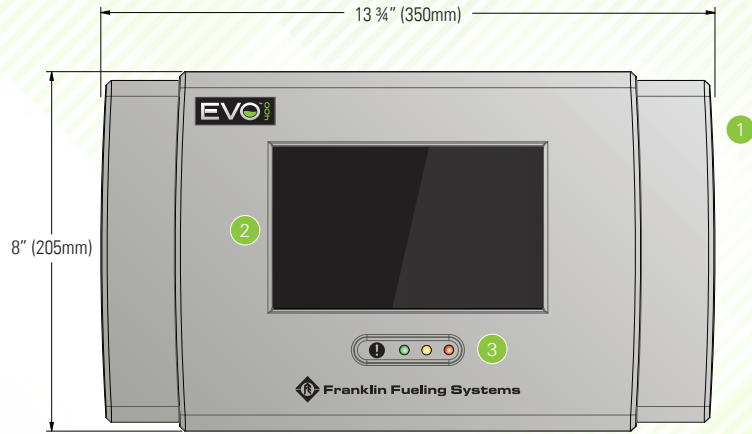
### Approvals/Certifications

- UL, cUL, ATEX, IECEx

## SPECIFICATIONS CONTINUED

### Components

- 1 Cover
- 2 LCD touch screen
- 3 LED indicators
- 4 Anunciator (audible alarm)
- 5 RS-485
- 6 Mini USB port
- 7 Ethernet / USB port
- 8 RS-232
- 9 Knockouts
- 10 Mounting holes
- 11 Flip up panel (touch screen)
- 12 Termination blocks
- 13 Main board



**ORDERING INFORMATION**

**Ordering Guide**

ATG 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 part numbers have a specific order and are created using the following guidelines:

**EVOX DW - TR**

**EVOX = Base Model Options**

- EVO200 = EVO™ 200 base model, up to 6 channels
- EVO400 = EVO™ 400 base model, up to 14 channels

**DW = Hardware Options** (choose all that apply)

- D = Display (color LCD touch screen)
- W = Wifi

**TR = Software Options** (choose all that apply)

- T = SCALD 24-hour tank testing
- R = Reconciliation/Autocalibration

Example: EVO400DW-TR = EVO™ 400 base model, up to 14 channels with display, with Wifi, with SCALD, and with Reconciliation/Autocalibration.

**EVO™ 200 & EVO™ 400 Base Models**

Model	Description
EVO200	EVO™ 200 base model automatic tank gauge, up to 6 channels
EVO400	EVO™ 400 base model automatic tank gauge, up to 14 channels

**EVO™ 200 & EVO™ Hardware & Software Options**

EVO™ 200 and EVO™ 400 ATGs come standard with the ability to perform in-tank static leak detection. The following software and hardware options can be added to customize your ATG. The internal hardware options will be factory installed when ordered with the ATG.

**Internal Hardware Options**

Model	Description
FMP-LCD	(D) Display (color LCD touch screen)
FMP-WIFI	(W) Wifi

**Internal Software Options**

Model	Description
TS-TT	(T) Statistical Continuous Automatic Leak Detection, 24 hour continuous tank testing software
TS-TRAC	(R) Tank inventory reconciliation and autocalibration

**External Printer**



Model	Description
FMP-ETP	External printer, includes USB cable, power cord, one roll of thermal printer paper, and wall mount hardware
FMP-EPPC	Case of 25 thermal printer paper rolls

Note: The external printer measures 142mm X 132mm X 204mm (w x h x d) and can be mounted to wall next to the EVO™ Series ATG using the included hardware).



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