



EVO™ 550 & EVO™ 5000 AUTOMATIC TANK GAUGES

EVO™ 550 & EVO™ 5000 Automatic Tank Gauges (ATGs) provide highly accurate inventory management and full-featured compliance monitoring for any size fuel system. These module-based ATGs are highly configurable for site-specific probe and sensor requirements. 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.

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 (included feature) and continuous tank testing (optional feature), tank autocalibration, inventory reconciliation, containment compliance monitoring, and flow rate monitoring.
- With the EVO™ 550, six total modules can be installed with a maximum of four intrinsically safe modules and a maximum of three of any one kind of module. With the EVO™ 5000, eleven total modules can be installed with a maximum of nine intrinsically safe modules and a maximum of three of any one kind of module.
- Patented AutoLearn™ electronic line leak detection capability including Statistical Line Leak Detection for high throughput sites.
- Secondary containment monitoring provides the ability to vacuum-monitor single or multiple secondary containment spaces like double walled tanks, piping, and sumps.
- Streamlined setup and programming includes hardware auto-detection and wiring confirmation, multipoint tank charting, network printer auto-detection, and the ability to download and upload entire programming profiles from one ATG to another.
- 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.
 - Programmable product colors.
- 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.
- Web interface allows you to directly connect to your ATG from any web enabled device.

SPECIFICATIONS

- Maximum tanks monitored: 36 (EVO™ 550) / 36 (EVO™ 5000)
- Maximum sensor input capacity: 48 (EVO™ 550) / 96 (EVO™ 5000)
- Lines capacity: 24 (EVO™ 550) / 24 (EVO™ 5000)
- Dry contact input channels: 2
- AC input channels: 36 (EVO™ 550) / 36 (EVO™ 5000)
- Relay output channels: 26 (EVO™ 550) / 50 (EVO™ 5000)
- Connectivity: Ethernet, RS-485, standard USB (qty 2)
- Display type: 7" (17.78 cm) color LCD touch screen
- Printer type: Thermal (also network or USB)
- Alarm: Internal audible alarm
- LEDs: Alarm, warning, and power
- 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
- EVO™ 550: H: 11.75" (300mm), W: 10¼" (260mm), D: 9" (229mm)
- EVO™ 5000: H: 11.75" (300mm), W: 16½" (419mm), D: 9" (229mm)

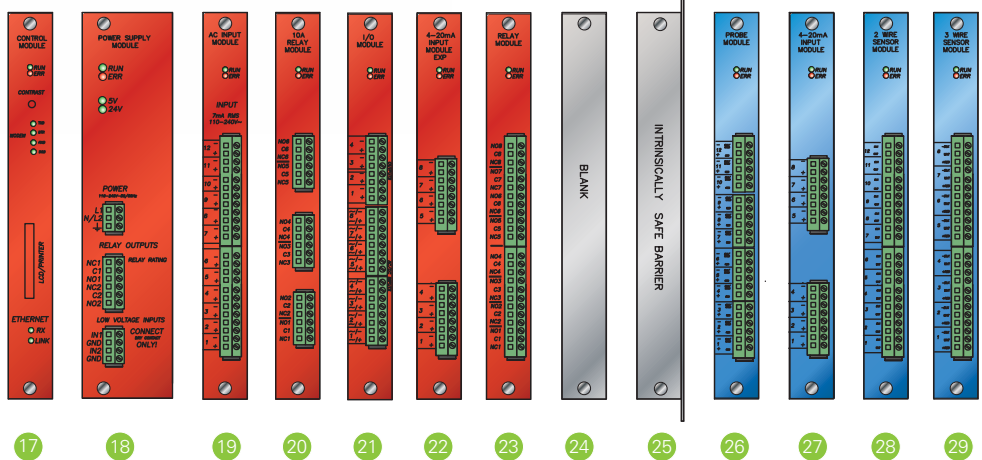
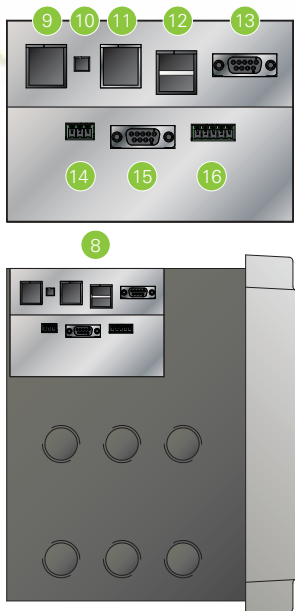
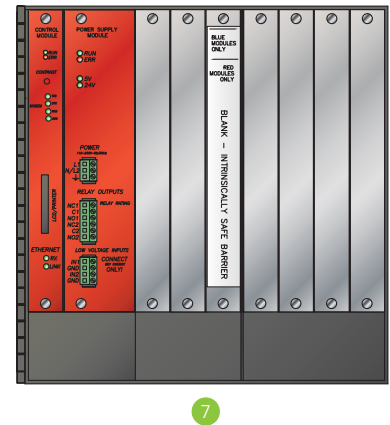
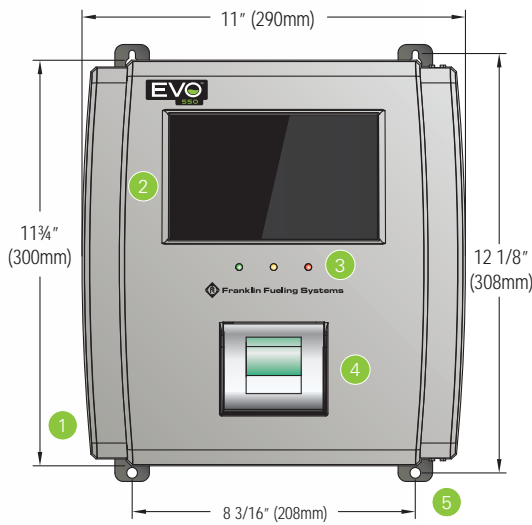
Capabilities

- High/low product, water, and temperature alarm set points
 - Inventory reconciliation / tank autocalibration / flow rate monitoring
 - Density, mass, and phase separation measurement
 - Email and SMS notifications
 - Back-up generator monitoring / conditions programming
 - Advanced logic control for DEF/AdBlue® recirculation system
 - MODBUS™ support
- ### Approvals/Certifications
- UL, cUL, ATEX, IECEx
 - Third party certification of leak detection capabilities

SPECIFICATIONS CONTINUED

Components

- | | | |
|--------------------------------|------------------------|-------------------------------|
| 1 Cover | 11 Ethernet port | 21 I/O module |
| 2 LCD touch screen | 12 USB ports (qty 2) | 22 4-20mA module EXP |
| 3 LED indicators | 13 Serial comm port 1 | 23 Relay module |
| 4 Printer | 14 Bus extension | 24 Blank |
| 5 Mounting tabs | 15 Serial comm port 2 | 25 Intrinsically safe barrier |
| 6 Cooling vents | 16 RS-485 comm port | 26 Probe module |
| 7 Module slots | 17 Controller module | 27 4-20mA module |
| 8 Communication ports | 18 Power supply module | 28 2 wire sensor module |
| 9 Modem port | 19 AC input module | 29 3 wire sensor module |
| 10 Annunciator (audible alarm) | 20 10 Amp relay module | |



- There can only be three types of one module in an EVO™ Series ATG.
- If you require more than three types of one module, please contact your FFS sales representative to review your needs.
- The intrinsically safe barrier must be installed in the third slot or greater. (The third slot after the power supply module.)