

## Buy Upgrades, Not New Equipment As You Grow For Compliance and Business Management

With the EECO 2000, you get comprehensive compliance and business management functions now, plus you'll have the option of upgrading the system with future enhancements later.

The EECO 2000 gives you an operator-friendly system, even for novices. For example, the EECO Guide™ prints help instructions automatically whenever a problem occurs, telling the operator what to do and exactly who to call in the event of an alarm.

The EECO 2000 is also available with Segmented Leak Detection (SLD) software, which provides continuous leak detection monitoring without having to shut down your tanks; along with our new SmartTalk software, which sends inventory and compliance management information straight from your tanks to your back-office computer.

### User Friendly, Virtually No Operator Training Necessary

- Easy to follow menu options
- EECO Guide printed help instructions automatically notifies you when any problem condition occurs, telling the operator what to do, who to call, and what action to take
- SmartTalk software connects fuel tanks with back-office or off-site computers, providing enhanced management, and lower operator costs

### Small Upgrade—Not a New System

- System design allows for easy, low cost, field upgrade or expansion
- System modules can be removed and replaced in minutes, reducing service cost

### Inventory Management

- Diagnostic codes displayed on the console tell service technicians exactly what is wrong
- Rolling 250 event detailed history aids in trouble shooting

### Extensive Self Monitoring Capabilities

- Fuel height and volume
- Automatic fuel delivery reports
- Fuel order product reports

### Comprehensive Programmable Alarm

- Overfill
- Low Product
- Leak Test Required
- High Product
- Water Present
- Leak Test Failed
- Order Product
- High Water
- Theft

### Regulatory Compliance

- Segmented Leak Detection (SLD) feature provides continuous testing for leaks, so even 24-hour operations never have to shut down for testing
- Tanks, lines, sumps, wells
- Programmable leak tests (daily, weekly, monthly, continuous, or on demand)
- Selectable leak rates 3 gph (hourly), 0.2 gph (monthly), 0.1 gph (annual)
- Notification of compliance deadlines
- Dispenser Power Control Option shuts off dispenser and STP Power when water or fuel is detected in dispenser pan

### Reporting Capabilities

- Reports available: TLM Inventory Status, TLM Leak Status, Leak Sensor Status, Leak Test, TLM Delivery Status, Last Successful TLM Test
- Reports can be sent to the system printer, on-site computer, off-site computer, or fax machine
- Modem auto-dial feature sends alarms and selected reports to remote computer and the local port automatically
- Selectable reports can be programmed to be sent automatically four times daily

### Tank Level Monitor (TLM) Option Monitors Tanks Continuously, 24 Hours A Day, 7 Days A Week

- Standard system monitors up to 8 tanks
- Theft detection mode initiates automatically during scheduled time the station is closed



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## Console Specifications

- Console: Q2000-xxx
- Dimensions: 20"W, 15"H, 7.75"D (50.8 x 38.1 x 19.7 cm)
- Weight: 42 lbs.
- Operating Temperature: 32° to 104° F (0° to 40° C)
- Humidity: 90% non-condensing
- Typical Mounting Location: Protected, non-hazardous area
- Power Requirements: 120/240VAC 50-60 Hz. 180 watts
- Listings and Approvals: UL, FCC, CSA, ETL, DOC, BASEEFA Ex
- System Relay: 10 amp, 250 VAC contacts
- Relay Boards (optional): 2 boards (each has 4 relays)
- RS-232 (optional): 6 ports (modem, local, & pass through)
- Internal Modem (optional): 3 ports (phone line, local, & pass through)
- Internal Fax Modem (optional): 3 ports (phone line, local, & pass through)

## TLM Interface Specifications

- Number of Probes: Up to 8 Probes
- Probe Interface: Intrinsically safe
- Probe Power Supply: 26 VDC
- Level Precision: ± 0.0005" (± 0.0013 cm)
- Level Accuracy: ± 0.04% full scale
- Temperature Precision: ± 0.0021° F (0.0021° C)
- Temperature Accuracy: ± 0.5 F° (0.3° C)

## TLM Probe Specifications

- TLM Probe: Q0400-4xx
- Type: Magnetostrictive/Float
- Material: Stainless steel shaft
- Location: Class I, Division I, Hazardous, Group D
- Level Accuracy: 5 RTDs spaced for equal volumetric measurement
- Temperature Measurement: 40° F to 158° F; 40° C to 70° C
- Temperature Range: <250' (76.2 m) Belden #8760
- Data Cable: 250' (76.2 m) to 1500' (457.2 m) Belden #9182

## EECO 2000

### Leak Test Performance

- EPA Continuous Leak Test (SLD) Certified: 35,000 gallon tank (132,475 liters)
- EPA Continuous Leak Test (SLD) Certified: Manifold tank Configuration, Two Tanks equaling the sum of 35,000 gallon tank (132,475 liters)
- EPA Static Leak Test Certified: 15,000 gallon tank (56,781 liters)
  - 0.2 gph (0.76 lph) Continuous Leak Test (SLD) 99.1% Pd, 0.9% Pfa
  - 0.2 gph (0.76 lph) Static Leak Test 99% Pd, 1% Pfa
  - 0.1 gph (0.38 lph) Static Leak Test 99% Pd, 1% Pfa

## Line Leak Detection Specifications

Number of lines: Up to 8

- Leak Testing: 3.0 gph (11.36 lph) Hourly Monitoring 100% Pd 0% Pfa  
0.2 gph (0.76 lph) Monthly Monitoring 100% Pd 0% Pfa  
0.1 gph (0.38 lph) Yearly Monitoring 100% Pd 0% Pfa
- Line Type: 2" (5.08 cm) Fiberglass to 350' (106 m)  
3" (7.6 cm) Fiberglass to 150' (45.5 m)  
2" (5.08 cm) Steel to 400' (121.2 m)  
2" (5.08 cm) Fiberglass to 200' (60.6 m)
- Line Leak Sensor: EECO LLD Plus direct wired, explosion proof or intrinsically safe.

## EECO LLD Plus Connected

Part No.	Description
■ 451350-201	LLD PLUS, Connected EXPLOSION PROOF
■ 451350-202	LLD PLUS, Connected EXPLOSION PROOF
■ 451350-301	LLD PLUS, Connected EXPLOSION PROOF
■ 451350-302	LLD PLUS, Connected EXPLOSION PROOF
■ 451350-401	LLD PLUS, Connected EXPLOSION PROOF
■ 451350-402	LLD PLUS, Connected EXPLOSION PROOF
■ 451351-201	LLD PLUS, Connected INTRINSICALLY SAFE
■ 451351-202	LLD PLUS, Connected INTRINSICALLY SAFE
■ 451351-301	LLD PLUS, Connected INTRINSICALLY SAFE
■ 451351-302	LLD PLUS, Connected INTRINSICALLY SAFE
■ 451351-401	LLD PLUS, Connected INTRINSICALLY SAFE
■ 451351-402	LLD PLUS, Connected INTRINSICALLY SAFE

## Leak Sensor

Number of Sensors: Up to 24 (in increments of 6 per interface)

Sensor Order Numbers:

- Discriminating Dispenser Pan: Q0003-001
- Discriminating STP Sump: Q0003-002
- Discriminating Interstitial: Q0003-003
- Discriminating Monitoring Well: Q0003-xx4
- Liquid Only Interstitial: Q0003-005
- Wet Interstitial: Q0003-006
- Liquid Float: Q0003-009
- Vapor: Q0003-010
- Leak Sensor Interface: Q439970  
(supports 6 sensors/interface board)

## Dispenser Power Control Option

- Control power to 12 dispensers
- 6 dispensers per board
- Maximum of 2 boards/system



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