

High Quality, Low Cost Tank Monitoring Solutions

OPW's SiteSentinel 1, automatic tank gauging system is a multi-function inventory, and leak detection management system that provides inventory, delivery, and environmental compliance for up to 16 underground storage tanks.

Applications

- Provides real time, accurate inventory information
- Displays gross or net corrected tank volume, product level, water level and temperature for individual tanks
- Available output module provides multi-purpose relays, which can be used for outputs such as, overfill alarms or sensor alarms
- Certified automatic or on-demand leak detection meets and/or exceeds U.S. Environmental Protection Agency regulatory requirements

System Features

- Graphic display uses international, user-friendly icons
- Monitors up to 16 probes and/or sensors that can be connected in any combination
- Four dedicated function buttons give one-touch access to real-time inventory data, delivery status, alarm conditions, and leak detection information
- SiteConnect™ software, a Windows®-based configuration utility, makes site configuration easy
- Programmable ALD (Automatic Leak Detection) can be set to perform daily, weekly, monthly, and annually required leak tests
- System provides programmable correction factors for restrapping tanks
- Supports international time and date formats
- Software is downloadable (Flash RAM) for easy updates
- System interfaces with most POS devices
- Provides three dedicated RS-232 serial communication ports
- System provides one output and two inputs to connect external devices, like overfill alarms and line leak detectors
- Internal power supply automatically switches between 120 and 240-volt power systems
- Output Module (up to 2 max) adds 4 output relays to control external devices

System Alarms

- Low-Low product (shutdown)
- Low product (reorder)
- High product (alarm)
- High-High product (overflow)
- High water (warning)
- High-High water (alarm)
- Sensor
- Leak detection
- External Output Module Relays
- Leak Test Required

Reports:

- System uses international icons to create Inventory, Delivery, System Alarm, and Leak Test report.
- Reports in Metric or English units of measurement
- Reports can be printed on the external printer or from SiteConnect on the PC printer



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Probes and Sensors

- All probes and sensors are certified to meet and/or exceed US Environmental Protection Agency regulatory requirements
- Probe leak detection capabilities are certified to 0.38 litres/hour (0.1 gallons/hour) volumetric tank tightness test and 0.76 litres/hour (0.2 gallons/hour) monthly monitoring leak test
- Probes and sensors can share the same conduit to reduce installation costs

Specifications:

Operating Temperature Range:

- 0° C to 40° C (32° F to 100° F)

Graphics Display:

- 240 x 64 pixels
- 3.6 cm H x 13.0 cm W (1.4" H x 5.1" W)

Normal Cabinet Dimensions:

- 23.5 cm H x 31.1 cm W x 13.3 cm D (9.3" H x 12.3" W x 5.2" D)

Power Requirements:

- Input Power: 100-250 VAC, 50/60 Hz, 0.5 A
- Input Contact: 12VDC, 40 mA max.
- Output Contact: 30V AC/DC, 2A
- Output Module Contact: 2A @ 120/240 AC, 2A @ 24VDC

PC Software:

SiteConnect™ on CD-ROM is included

Minimum PC Requirements:

- Pentium® processor, 32 MB RAM, 20 MB available hard disk space
- Required PC screen resolution (640x480)
- Recommended PC screen resolution (800 x 600)
- Windows 95®, Windows 98® or Windows NT® (version SP4 and above), Windows 2000®, Windows XP®

Printer:

- System-powered, graphics 40-column thermal printer includes wall-mounted bracket and a 1.8 m (6 ft) cable

Temperature Range:

- 0° C to 40° C (32° F to 104° F)

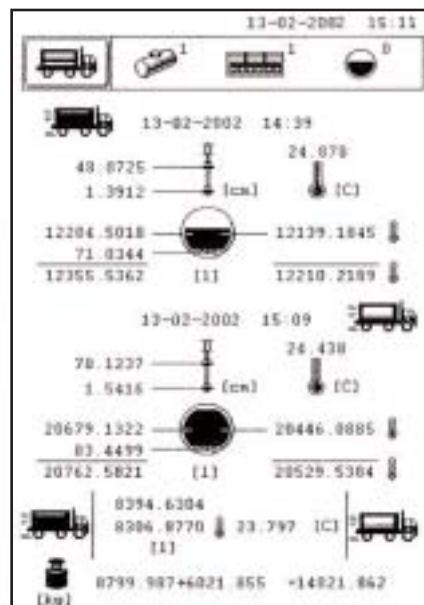
Management Reports

- Inventory Reports are generated at a touch of a button. Automatic Delivery, Alarm and Leak Reports are available
- Reports can be configured to meet localized setting (Date/Time formats and Metric/English Units)

SiteConnect Software



SiteSentinel 1 Delivery Report



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6900 SANTA FE DRIVE • HODGKINS, IL USA 60525 • www.opwfms.com • 708-485-4200 • (fax) 708-485-7137

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