

The FIT500™ Fuel Control System

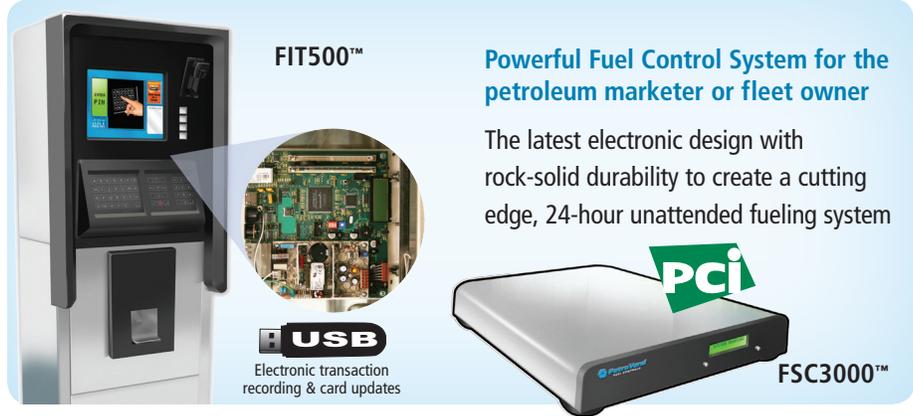
Capable of displaying customized marketing messages and accepting numerous commercial fueling and bank cards, the FIT500™ Fuel Management System delivers much more than fuel control.

The FIT500™ provides advanced 24-hour fuel control to commercial fueling sites through leading edge technology and stainless steel durability. The FIT500's customizable display enables petroleum marketers to drive sales inside the store by strengthening brand identity through promotional messaging at the fuel island.

Benefits

- ◆ Stainless steel enclosure for years of maintenance-free operation
- ◆ Dual-head card reader
- ◆ High-speed, auto-loading, thermal receipt printer with graphics capability
- ◆ Impressive 10.4 in (26.4 cm) graphics color display
- ◆ Add custom color graphics to FIT500's screen images with a USB memory key
- ◆ Metal alpha-numeric function key pads
- ◆ Accepts the widest selection of commercial fueling cards, truck fleet cards and major bank cards
- ◆ Because system is field-upgradeable, network interfaces can be added remotely
- ◆ Ideal for marine and ethanol fueling applications
- ◆ USB memory key for transaction backup/transfer and updating card files
- ◆ Optional dial-up modem, cellular modem or Ethernet bridge for remote transaction polling and card updates
- ◆ Optional 900 MHz wireless communication between island and building

The FIT500™ Fuel Control System Features



Powerful Fuel Control System for the petroleum marketer or fleet owner

The latest electronic design with rock-solid durability to create a cutting edge, 24-hour unattended fueling system



Profitability

Accepts the widest selection of commercial fueling cards, truck fleet cards and major bank cards.



Customize

Customizable color screen images enhance marketing programs and activities.



Easy Installation

FSC3000™ Fuel Site Controller can be integrated inside terminal for sites with no building.



Communication

Optional dial-up modem, cellular modem or Ethernet bridge for remote transaction polling and card updates. Optional 900 MHz wireless communication between island and building is also available.

- ◆ Add custom color graphics to FIT500's screen images with a USB memory key
- ◆ Change receipt paper without opening the FIT500™ enclosure
- ◆ Windows-based ARTWare™ PC software makes programming simple and provides system backup

- ◆ System management can be performed on-site or remotely via dial-up, cell modem or LAN/WAN connection
- ◆ Remotely download software updates to the FSC3000™
- ◆ USB memory key for transaction backup/transfer and updating card files
- ◆ Pump and product totals automatically or on demand
- ◆ System and dual card (driver and vehicle) operation
- ◆ Cardless operation for driver, vehicle or both
- ◆ Drivers and vehicles can be grouped into accounts for easier control of group restrictions, lockouts and reporting
- ◆ Daily and monthly credit allocations per card or account
- ◆ PCI-compliance via multi-tracking application PA-DSS (Payment Application Data Security Standard) for the FSC3000™ Fuel Site Controller
- ◆ ADA-compliant pedestal option available

Listings and Certifications



Networks

- ◆ The FIT500™ System interfaces with many authorization and commercial fueling networks to accept the following cards:
 - CFN
 - WEX
 - Comdata
 - Voyager
 - EFS
 - Bank cards
 - Fuelman®/Gascard
 - Bypass
 - Paymentech
 - Pacific Pride
 - T-Chek™
 - Fleet One®
 - TCH
- ◆ Dual network option reduces wait time by accessing two (2) networks simultaneously
- ◆ Registered bank card feature enables secure use of credit cards even where unattended fuel may be restricted
- ◆ The FIT500™ System is field-upgradeable so you can easily add network interfaces to meet any needs

Memory

- ◆ Standard memory tracks 2,000 proprietary cards and 500 transactions
- ◆ Expandable to 64,000 proprietary cards and 2,000 transactions

Pump Control Methods

- ◆ Pump Control Modules for Commercial Dispensers with mechanical registers
 - Mounted in Fuel Island Terminal for low-cost, convenient wiring
 - Mounted in remote cabinet
 - Pump Handle Monitor
 - Manual bypass for each dispenser
 - Four (4) adjustable fueling timers
 - Maximum fueling time
 - Maximum time to activate pump handle
 - Maximum time until first pulse
 - Maximum time between pulses
 - Counts in gallons or liters from thousandths to full units
 - Pump sentry provides protection from faulty pulsers

- ◆ Optional Direct Pump Control communication via current loop for Gilbarco and Wayne or via RS-485 communication for Gasboy® dispensers
 - Extremely simple installation
- ◆ Universal Pump Controller for operation with a pump controller (optional)
 - Interfaces with Wayne and Gilbarco dispensers
 - Allows pumps to be controlled via the Fuel Island Terminal or retail pump console

Phoenix® Software

- ◆ Phoenix Plus™ – poll transactions, perform card updates, run reports
- ◆ Phoenix Premier™ – all of the Phoenix Plus features, plus tank gauge interface for reconciliation
- ◆ Phoenix SQL® – a Web-based multiuser browser interface with controlled user access. Polls transactions and tank gauges simultaneously, dramatically reducing data collection times for multiple fuel sites.
- ◆ Phoenix SQL Lite™ – Offers all of the features of Phoenix SQL, but as a standalone Windows® application it is designed for single user operations

FIT500™ Fuel Island Terminal Specifications

Reader: Magnetic-stripe card with dual-read heads

Display: 10.4 in (nominal size), Active Matrix VGA Color Display

Receipt Printer: The high-resolution, thermal receipt printer has an integral cutter and large paper roll

Keypads: The keypads are durable and weather-resistant

Cabinet Dimensions [H x W x D]: 20.0 x 17.75 x 11.38 inches (38.0 x 46.0 x 28.0 cm)

Pedestal Dimensions [H x W x D]: 42.0 x 17.75 x 9.0 inches (122 x 36.0 x 20.0 cm)

Operating Temperature Range: -40°F to 122°F (-40°C to 50°C)

Power Requirements: 120/240 VAC (auto detectable), 50/60 Hz; 250 watts max.

Pump Control Terminal Specifications

Relay Rating: 1 HP, 120/240 VAC

Pulser Compatibility: Contact/12 VDC electronic

Pulser Power Supply: 12 VDC; 40 mA max./pulser

Pulser Speed: 6,000 pulses/minute (mechanical)

100,000 pulses/minute (electronic)

Pulser Rate: 1:1 to 9,999:1 (in one-pulse increments)

Pulser Type: Single channel

Pulser Duty Cycle: 50%

Operating Temperature Range: -40°F to 122°F (-40°C to 50°C)

Cabinet Dimensions [H x W x D] of wall-mounted remote PCM: 11.5 x 12.0 x 6.5 inches (29.0 x 30.0 x 16.0 cm)

Power Requirements of Remote PCM: 85-240 VAC, 50/60 Hz; 25 watts max.

Operating Temperature Range of Remote PCM: -40°F to 122°F (-40°C to 50°C)

FSC3000™ Fuel Site Controller Specifications

Dimensions [H x W x D]: 2.25 x 10.0 x 8.25 inches (5.7 x 25.4 x 21.0 cm)

Power Requirements: 85-240 VAC, 50/60 Hz; 25 watts max.

Operating Temperature Range (indoors): 32°F to 122°F (0°C to 50°C)

Serial Communication Ports: Petro-Net™ (RS-485), Printer (RS-232), Terminal (RS-232), Modem (RS-232), Pass-through (RS-232), two (2) Auxiliary Ports (RS-232), Tank Gauge, Ethernet, USB

Maximum Petro-Net™ Distance: 5,000 ft (1,524 m)

NOTE: See OPW Fuel Management Systems' website at www.opwglobal.com for detailed product literature, manuals and sales representative contact information for your area.