

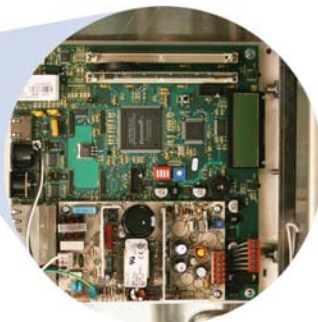


# FIT500™ FUEL CONTROL SYSTEM



FIT500™

The FIT500™ system combines leading-edge technology with a futuristic look and solid stainless steel durability, creating an unequalled 24-hour fuel management system with the quality and reliability that PetroVend is renowned for.



Available with FSC3000™ Site Controller Inside

With the ability to add customizable screen images out at the fuel island, the FIT500™ is the ultimate fuel management system for advertising special promotions inside the store and for strengthening your brand identity.

## 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 inch (26.4 cm) graphics color display
- Add custom color graphics to your screen images with a simple USB memory key
- Separate alpha, numeric, and function key pads are back lit for easy viewing at night
- Supports a multitude of commercial fueling cards, truck fleet cards and major bank cards
- System is field-upgradeable so you can easily add network interfaces remotely
- Ideal for marine and ethanol fueling applications
- USB memory key for transaction backup/transfer and updating card files
- Optional dial-up or cell modem allows communication to remote locations
- Each FIT500™ can also be outfitted with 802.11 WiFi or Bluetooth® communication devices to facilitate updates and retrieval of transaction data



Electronic transaction recording & card updates



FSC3000™



## PROFITABILITY

Accepts the widest selection of fueling network and major bank cards.



## CUSTOMIZE

Customizable color screen images enhance your marketing programs and activities.



## INSTALLATION

Integrated FSC3000™ for installations where no building is available. USB key for transaction backup and card file updates.



## COMMUNICATION

Optional 900 MHz wireless communication between island and building. Cell modem, Bluetooth® and 802.11 WiFi communication also available.



# FIT500™ Fuel Control System

## FIT500™ Fuel Control System Features

- Easily create your own color graphic images and transfer them to the FIT500™ via 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 or cell modem, LAN/WAN or Bluetooth™ connection
- Remotely download software updates to the FSC3000™
- USB memory key for transaction data storage and card updates
- Connects with OPW and many other tank gauges
- Pump and product totals automatically or on demand
- System and/or single card (driver and vehicle) operation
- Cardless operation for either 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

## Networks

- The FIT500™ System interfaces with many authorization and commercial fueling networks to accept the following cards:
  - CFN – Fuelman/Gascard – Wright Express
  - Bank Cards – Comdata – T-Chek
  - Voyager – FleetOne – EFS
  - TCH
- Dual network option reduces wait time by accessing two networks simultaneously
- Registered bank card feature enables secure use 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 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 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 litres from thousandths to full units
  - Pump sentry provides protection from faulty pulsers
- Direct Pump Control communicates via serial link to the dispensers (Optional)
  - Supports Wayne, Gilbarco and Tokheim protocols
  - Extremely simple installation
- Universal Pump Controller for operation with a pump controller (Optional)
  - Interfaces with Wayne, Gilbarco and Tokheim
  - 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

## FIT500™ Fuel Island Terminal Specifications

Reader: Magnetic-stripe Card with dual read heads

Display: 10.4" (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: 20" H x 17 3/4" W x 11 3/8" D

(38 cm H x 46 cm W x 28 cm D)

Pedestal Dimensions: 42" H x 17 3/4" W x 9" D

(122 cm H x 36 cm W x 20 cm D)

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 milliamps max./pulser

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

100,000 pulses per 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 of Wall-mounted remote PCM:

11.5" H x 12" W x 6.5" D (29 cm H x 30 cm W x 16 cm D)

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: 2" H x 10" W x 11" D (5 cm H x 25 cm W x 28 cm D)

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),

2 Auxiliary Ports (RS-232), Tank Gauge, Ethernet, USB

Maximum Petro-Net™ Distance: 5,000 feet (1524 m)



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