Petro Vend 100® Fuel Control System

Field Upgradeable, Future-Ready Fuel System

Affordability meets scalability in this stand-alone, pedestal-mounted fuel control terminal, which offers an upgradeable feature set for sites that expect to expand fueling operations.

NEW! FEATURES

Petro Vend 100® Fuel Control System

Now featuring expanded hose and card capabilities, the OPW Petro Vend 100® is designed to grow with your application. The turnkey system ships ready-to-use with pre-configured users and requires only power, pulser and hose-control line connections to begin fueling operations. With its quick installation and upgradeable feature set, the PV100® is a cost-effective fuel control solution for the needs of today and tomorrow — from start-up to scale-up.
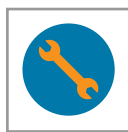
Applications

➡ Scale up from 100 to 250 or 1,000 users and from 2 to 4 fueling points

➡ ChipKey®, magnetic card and proximity card/key upgrades enhance dispenser activation security

➡ View card and pump total reports on the screen anytime. Transfer the totals to USB flash drive and import them into your PC

SCALABLE

Upgradeable feature set delivers cost-effective fuel management capabilities needed by small and mid-size fleets while accommodating expanding needs

EASY TO INSTALL

Turnkey system only requires power and hose control connections, eliminating the need to trench and pull wires for communications

USER-FRIENDLY

Simple menus make the OPW Petro Vend 100® an especially easy fuel control system to learn and operate

COST-EFFECTIVE

Menu-driven configuration takes place at the terminal, eliminating the need for PC-required software. An optional feature provides transaction storage on a USB flash drive

Contact your OPW representative to learn more about the Petro Vend 100® Fuel Control System today!
Phone: (708) 485-4200 ◆ Fax: (708) 485-4630 ◆ 6900 Santa Fe Drive ◆ Hodgkins, Illinois USA 60525 ◆ www.opwglobal.com

Petro Vend 100® Fuel Control System

Benefits

- Upgradeable feature set makes the PV100 a cost-effective solution for small and large fleet-fueling operations
- Stand-alone system significantly reduces installation costs
- Turnkey operation requires minimal configuration, enabling quick startup
- Dispensed fuel totals are recorded even during pump override control mode
- *NEW!* Dual card operation supports driver and vehicle verification
- Menu-driven configuration takes place at the terminal, eliminating the need for PC-required software
- *NEW!* Pedestal features durable aluminum construction to prevent rusting

Features

- *NEW!* Controls up to four (4) hoses for mechanical pumps
- Allows you to adjust programming parameters, view card and pump totals, and transfer all data to a USB flash drive via Manager Card access in on-screen manager modes
- Track and report fueling by card or pump totals (single, driver and vehicle). See screen visuals below.
- External USB connection allows retrieval of card totals, pump totals and optional transaction data on a flash drive.
- User-selectable PINs, from three (3) to six (6) digits in length, allowing only authorized users to access fuel
- Hose-based quantity restrictions
- Field upgradeable software
- *NEW!* 3 pedestal sizes are available, including a size that meet Americans with Disabilities Act requirements
- Thermostatically controlled heater provides reliable operation in the harshest environments
- *NEW!* User-selectable predefined prompt up to ten (10) digits in length – choose one from ten available messages, such as Driver ID, Vehicle ID, Odometer, PO #, etc.
- Optional dual-head magnetic card reader
- Optional HID proximity key-fob reader
- *NEW!* Optional ChipKey® reader supports K800 format (8-digit)

Memory

- Standard memory allows tracking of up to 100 proprietary cards
- Expandable to 250 or 1,000 proprietary cards
- Stores virtually unlimited number of transactions on USB flash drive (optional)

Technical Specifications

- Cabinet Dimensions: 10.75 inch H x 14.25 inch W x 9.75 inch D (27.3 cm x 36.2 cm x 24.8 cm)
- Pedestal Dimensions: 40 inch H x 14 inch W x 9 inch D (122 cm x 36 cm x 23 cm) is standard; 32-inch and 48-inch heights are optional
- Power Requirements: 115 VAC, 50/60 Hz, 200 watts maximum

- Operating Temperature Range: -40° F to 122° F (-40° C to 50° C)
- Graphics display: 6 inch (15.2 cm) monochrome
- Painted steel enclosure

Mechanical Pump Control Specifications (PCM)

- Relay Contact Rating: 240 VAC; 20 A, 3.0 HP maximum
- "In-Use" Detection: Voltage Sense 120-240 VAC or Handle Switch
- Pulser Type: Single Channel
- Pulser Input: Mechanical (contact); Electronic (5-12 VDC)
- Pulser Divide Rate: 1:1 – 1000:1; 1 pulse increments
- Maximum Pulse Speed: (50% duty cycle) 6,000 Mechanical; 100,000 Electronic

Certifications and Listings

- Electronic Testing Labs (ETL), per Underwriter Laboratories UL 1238
- Electronic Testing Labs Canada (ETLC), per CSA C22.2

Card totals

Pump totals

Serving these industries and many others...