Petro Vend 100® Fuel Control System

OPW Fuel Management Systems' Petro Vend 100® (PV100®) Fuel Control System is a stand-alone, pedestal-mounted system that controls up to 4 hoses for small or mid-sized unattended fleet-fueling sites.

As a "turnkey system," the unit is designed for quick and easy installation. It ships ready-to-use with 50 pre-configured users for immediate fueling access. Requiring only power, pulser and hose-control line connections in order to initiate system operation, the PV100 saves the time and cost of trenching and pulling wires for serial communications.

User-selectable PINs allow only authorized users to access fuel. The PV100 tracks and reports fueling by card or pump totals to provide complete accountability of fueling. The PV100 stores dispensed fuel amounts as card- and pump-specific totals, which can be viewed on the display or retrieved with an external USB flash drive.

Because menu-driven configuration takes place at the terminal, the PV100 also eliminates the need for PC-required software, making the Petro Vend 100 one of the most cost-effective fuel control systems available on the market today.

Petro Vend 100® Fuel Control System Features

Serving these industries and many others...

Convenient

Easy To Use

Easy Installation

Savings

- NEW! Controls up to 4 hoses for mechanical pumps
- User selectable PINs, from three (3) to six (6) digits in length, allowing only authorized users to access fuel
- Dual, manual, pump override control enables pump relays and the recording of dispensed-fuel volumes during a specific time
- Monochrome graphic display
- Optional dual-head magnetic card reader
- NEW! Optional HID proximity key-fob reader
- 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
- 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.
- Field upgradable software
- Optional USB flash drive for transaction storage
- NEW! Pedestal features durable aluminum construction to prevent rusting
- NEW! 3 pedestal sizes are available, including sizes that meet Americans with Disabilities Act requirements
- Thermostatically controlled heater provides reliable operation in the harshest environments

Benefits

- Turnkey system with easy installation
- Cost effective for small to mid-sized fleet-fueling operations
- Track and report fueling by card or pump totals (specific transaction data optional). See screen visuals on following page.
- Menu-driven configuration takes place at the terminal, eliminating the need for PC-required software
- Saves the expense of trenching and pulling wires for serial communications

Listings and Certifications

Intertek

Electronic Testing Labs (ETL), per Underwriter Laboratories UL 1238

Electronic Testing Labs Canada (ETLC), per CSA C22.2

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Memory

- Standard memory allows tracking of up to 50 proprietary cards
- Expandable to 250 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); 32-inch and 48-inch heights are optional

Power Requirements: Power Requirements: 115/230 VAC, 50/60 Hz, 200 watts maximum

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

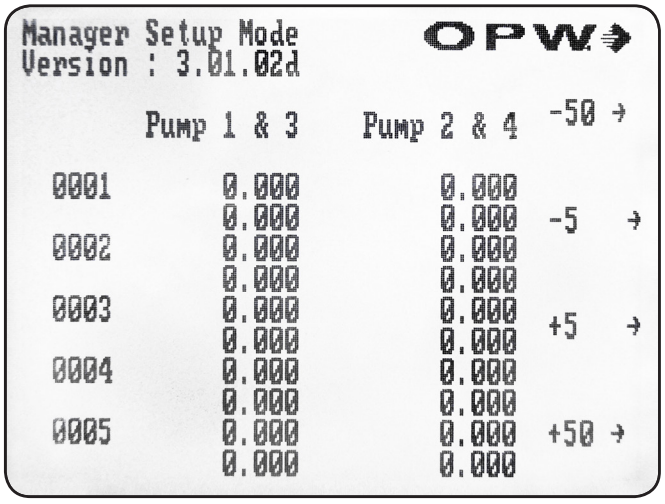
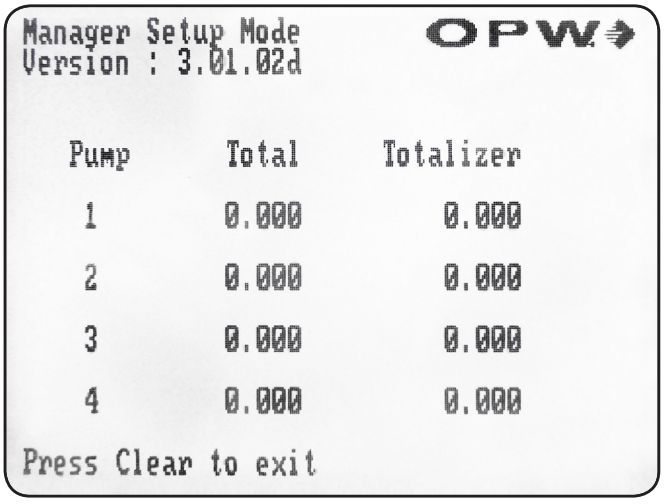
Graphics display: 6 inch (15.2 cm) monochrome

Painted steel enclosure and powder-coated aluminum pedestal

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

Card totals



Pump totals