# PetroVend 100® Fuel Control System

OPW Fuel Management Systems proudly introduces the Petro Vend 100® (PV100) Fuel Control System – a stand-alone, pedestal-mounted system for small or mid-sized fleet-fueling sites that require one- or two-hose control.

**NEW!**

*Easy Installation*

*Convenient*

*Easy To Use*

*Savings*

*Serving these industries and many others...*

**PetroVend**
**FUEL CONTROLS**

The OPW Petro Vend 100® is the ideal solution for unattended fueling for small or mid-sized fleets. 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 and requires only power, pulser and hose-control line connections in order to initiate system operation. 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.

*Leading The Way in Electronic Fuel Management Systems*

# Petro Vend 100® Fuel Control System

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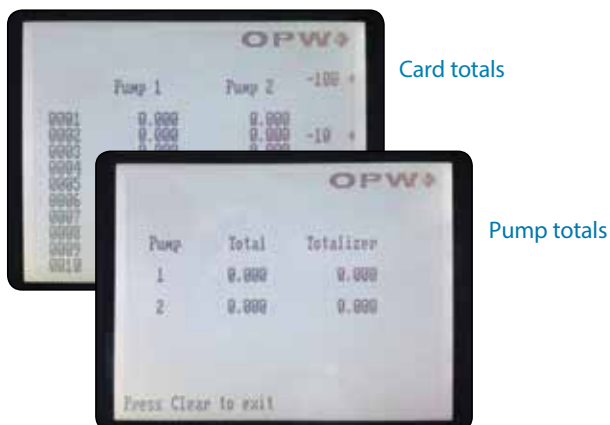
- Turnkey system with easy installation
- Cost effective for small to mid-sized fleet-fueling operations
- Field upgradable software
- Track and report fueling by card or pump totals (specific transaction data optional). See screen visuals below.
- Menu-driven configuration takes place at the terminal,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

## Features

- Controls up to two (2) hoses for mechanical pumps
- **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.
- User-selectable PINs, from three (3) to six (6) digits in length, allowing only authorized users to access fuel
- Hose-based quantity restrictions
- 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
- Optional USB flash drive for transaction storage
- 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

## 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: 48 inch H x 14 inch W x 9 inch D (122 cm x 36 cm x 23 cm)
- 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 pedestal
- Internal Pump Control: Standard for up to two (2) hoses for mechanical pump control

## 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



## OPW FUEL MANAGEMENT SYSTEMS

A DOVER COMPANY

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