

## Petro Vend 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.

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 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.

**NEW!**



*Serving these industries and many others...*



### Features



#### Easy Installation



#### Convenient



#### Easy To Use



#### Savings

- ◆ Controls up to two hoses for mechanical pumps
- ◆ User selectable PINs, from 3 to 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
- ◆ Optional HID proximity key-fob reader (available this Spring)

- ◆ 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 mode

### 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

### Listings and Certifications



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

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

## 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)

## 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

## Technical Specifications

**Cabinet Dimensions:** 10.75 inch H x 14.25 inch L 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)

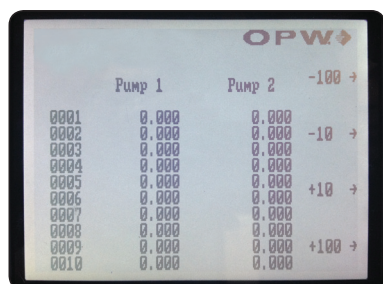
**Power Requirements:** 115/230 VAC, 50/60 Hz, 200 watts maximum

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

**Graphics display:** 5 inch (12.7 cm) monochrome

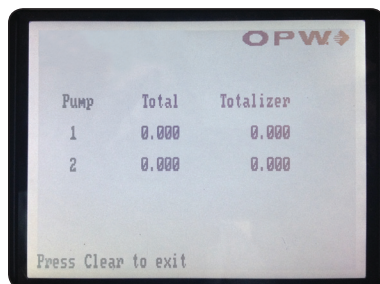
**Painted steel enclosure and pedestal**

**Internal Pump Control:** Standard for up to two hoses for mechanical pump control



Card totals

	Pump 1	Pump 2	
0001	0.000	0.000	-100 →
0002	0.000	0.000	-10 →
0003	0.000	0.000	
0004	0.000	0.000	
0005	0.000	0.000	+10 →
0006	0.000	0.000	
0007	0.000	0.000	
0008	0.000	0.000	+100 →
0009	0.000	0.000	
0010	0.000	0.000	



Pump totals

Pump	Total	Totalizer
1	0.000	0.000
2	0.000	0.000

Press Clear to exit