K800™ Fuel Control System

Be in control of your unattended fueling operation with Petro Vend's K800™ Fuel Control System. The K800™ provides you with the tools you need to manage your fuel expenses. Fuel access is restricted to authorized users, and set to the fuel type and quantity you specify. Every transaction is tracked, giving you the security and accountability your unattended fueling operation needs.

K800™ System Components

Each system consists of the following 2 components:

1 Fuel Site Controller (FSC) the hub of the system - stores transactions and connects peripherals

Up to 4 K800™ Fuel Island Terminals (FIT) used by drivers at the island to activate the fuel dispensers

K800™ FIT

K800™ FSC

K800™ FIT Features

◆ Backlit LCD for visibility in bright sunlight or at night

◆ Programmable prompts to guide drivers through the fueling process

◆ Durable alloy keypad, 16-gauge steel enclosure and thermostatically-controlled heater for reliable operation in the harshest environments

◆ High-impact plastic door overlay and powder-coated enclosure and matching pedestal maintain their appearance for years to come

◆ Built-in diagnostics for simplified troubleshooting

◆ Built-in pulser power supply, pump control and pre-punched conduit access for easy installation

◆ Can be activated either by card (magnetic-stripe), ChipKey® or code activated

◆ Manual bypass switch for each hose

◆ 4 adjustable fueling timers per hose position

K800™ FSC Features

◆ Controls up to 4 Fuel Island Terminals and 16 hoses simultaneously to meet your needs today and tomorrow

◆ Up to 10,000 cards and 1,800 transactions can be stored in memory

◆ Menu-driven programming with onscreen help for ease of use

◆ Serial communication ports for printer, PC and modem

◆ Desktop controller can also be conveniently wall-mounted

◆ Easily interfaces to existing personal computers

◆ Dual card accountability allows tracking and reporting on drivers using multiple vehicles

◆ Cardless/keyless access allows drivers to fuel using a quick keypad entry

◆ ChipKey® mileage reasonability option ensures accuracy of odometer entries

◆ Lock out any key or card

◆ Provides basic inventory tracking

◆ Wireless Petro-Net™ communication reduces installation costs
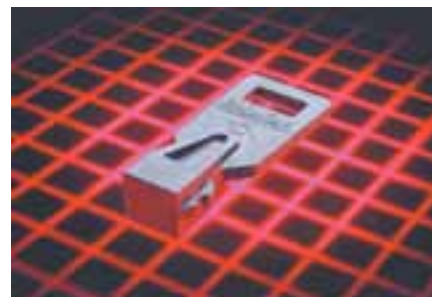
◆ Provides 4 levels of authorized time access

Listings and Certifications

NOTE: See OPW Fuel Management Systems' Website at www.opwglobal.com for detailed product literature, manuals and sales representative contact information for your area.

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Additional Features

◆ Restricts product and quantity for any key, card or account

◆ Restricts number of transactions per day for any key or card

◆ Adjustable pump time-outs

◆ Pump handle monitor and pulser sentry

◆ Diagnostic test programs for system start-up and troubleshooting

◆ 4 memory levels available (up to 2 megabytes total)

◆ Standard report package groups cards together by account and provides itemized reports including MPG, CPM and price extensions

◆ Personal Identification Number (PIN) entry with auto-lockout

◆ Inventory, pump and product total reports

The rugged, tamper-resistant ChipKey® is a popular alternative to cards. It fits easily onto a customer's key ring, so it's convenient and hard to lose. Every ChipKey® contains a microchip that can be programmed and reprogrammed as many times as you like.

K800™ Fuel Island Terminal Specifications

Readers: Magnetic-stripe card, or ChipKey®

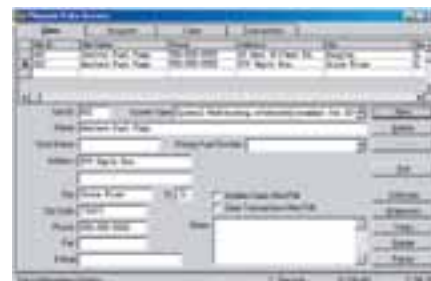**Display:** Backlit LCD (2 lines x 16 characters)

Keypad: Durable alloy keypad

Cabinet Dimensions: 12" H x 13" W x 10" D (30.5 cm H x 33 cm W x 25.5 cm D)

Pedestal Dimensions: 48" H x 14" W x 8" 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: 120/230 VAC, 50/60 Hz; 100 watts max.

Phoenix™ Plus, and Phoenix™ Premier are powerful fuel management software packages for your Windows®-compatible PC (see page 340 for detailed information).

K800™ Fuel Site Controller Specifications

Cabinet Dimensions: 2" H x 9" W x 11" D (5 cm H x 23 cm W 28 cm D)

Operating Temperature Range: 32° F to 122° F (0° C to 50° C)

Power Requirements: 120/230 VAC, 50-60 Hz; 50 watts max.

Maximum Petro-Net™ Distance: 5,000 feet (1,524 m)

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Petro Vend Fuel Control Systems

From the smallest fleet to the largest petroleum marketing operation, Petro Vend has been providing effective solutions to meet your fuel control needs since 1961. 24-hour unattended fleet fueling systems like the K800™ and AFC™ only allow authorized users to access fuel, tracking every transaction and restricting vehicles to the type of fuel and quantities they need for complete security, accountability and control.

Systems like The K800™ Hybrid, C/OPT™ and FIT500™ accept nationwide fueling network cards as well as local proprietary network cards, allowing petroleum marketers to grow their 24-hour unattended fueling business and stay profitable. Other industry-leading options like RFID access, wireless data communication and powerful fuel management software continue to make Petro Vend Fuel Control Systems the leader in 24-hour unattended fuel management.

Petro Vend Fuel Control Systems - Features Overview

Fuel Control System Model	PetroLink™ (page 330)	FIT500™ (page 332)	C/OPT™ (page 334)	K800™/System2™ Hybrid (page 336)	K800™ (page 338)	AFC™ (page 342)	Keegard™ (page 344)
Magnetic Stripe Card Access	•	•	•	•	•	•	
ChipKey® Access	•		•	•	•		
Proximity Card Access	•		•	•			
PetroLink™ RFID Access	•	•	•	•			
DuraKey™ Access						•	
Keypad Access	•	•	•	•	•	•	
Hose Capacity Per System	32	32	32	32	16	8	1
Fuel Island Terminal Capacity Per System	N/A	8	8	8	4	N/A	
Maximum Transaction Storage	2000	2000	2000	2000	1,800	999	N/A
Maximum Proprietary (local network) Card/Key/ User Capacity	64,000	64,000	64,000	64,000	10,000	10,000	30
Mileage Reasonability		•	•	•	•		
Dual Card Accountability	•	•	•	•	•	•	
Phoenix™ Fuel Management Software Compatability	•	•	•	•	•		
Commercial Fleet and Trucking Card Acceptance	•	•	•	•			
Bankcard Acceptance		•	•				
Wireless Communication	•	•	•	•	•		
Certifications	ETL	ETL US/C	ETL US/C	ETL US/C	ETL US/C	ETL	UL

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