



## K800™ FUEL CONTROL SYSTEM



K800™  
Fuel Island  
Terminal

K800™ Fuel Site Controller

**Affordable, reliable, easy to program and operate, the K800 features one-card, two-card or cardless access as well as product and quantity restrictions.**

The K800 is engineered to provide 24-hour unattended fueling and includes such popular features as one card, two card (driver and vehicle) or keyboard entry (cardless access) and numerous other features for tracking fuel activities at your fueling sites.

### Benefits

- 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
- Compatible with Phoenix for Windows™ PC reporting software

### K800 Fuel Site Controller Benefits

- Easy to setup and configure
- Up to 10,000 cards and 1,800 transactions can be stored in memory
- Fueling can be restricted to time of day
- Product restriction feature ensures vehicle receives proper fuel



#### SAVINGS

Ideal for small private fleets needing a low cost fuel management system.



#### EASY-TO-USE

Programming is simple and is done through a user friendly menu system.



#### FLEXIBLE

Allows authorized magnetic striped cards, ChipKey®s or personal identification numbers (PIN) to access fuel, tracking every fueling transaction.



#### COMMUNICATION

K800 Fuel Island Terminal and K800 Fuel Site Controller can be wired or wireless using 900MHz modems.



# K800™ Fuel Control System

## K800 System Features

- System controls 1-4 hoses per Fuel Island Terminal simultaneously (maximum 16)
- Up to 4 Fuel Island Terminals can be connected per location
- Can be activated either by magnetic-stripe card or ChipKey
- Can lock out any key or card
- Card storage up to 10,000 users and transaction storage up to 1,800 transactions
- Basic inventory tracking
- User selectable PIN entry with auto-lockout
- Manual bypass switch for each hose
- Four adjustable fueling timers per hose position
- System captures odometer entries and miscellaneous 10-digit numbers
- Provides 4 levels of authorized time access
- 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
- Dot matrix journal printer uses plain paper
- Standard report package groups cards together by account and provides itemized reports including MPG, CPM and price extensions
- Inventory, pump and product total reports

## Card File Memory

The system's standard memory stores up to 10,000 card records. Each record contains:

- Card Number (4 digits)
- Card Type - Single, Driver, Vehicle, or Unconfigured (S, D, V, U)
- Status - Valid or Invalid (V, I)
- Odometer Entry - Off/On
- Misc. Keyboard Entry - Off/On with display prompt number
- Quantity Restriction Level ( up to 15 different levels)
- Product Restriction Level (up to 15 different combinations)
- Time Restriction Level (up to 4 different shifts)
- Number of Transactions Allowed per Day (0-15)
- Issue (or Reissue) Number (10 - 9)
- PIN number (4 digit)
- Number of Invalid PIN Entries before Automatic Lockout (0 - 9)
- Account Number (0 - 250)

## Transaction Memory

The system has the capacity to store 1800 transactions in non-volatile RAM. Each transaction contains:

- Date and Time (MMM/DD/YYYY)
- Sequential Transaction Number (4 digit)
- Account Number (3 digits)
- Driver Card Number (4 digits)
- Vehicle Card Number (omitted for single card transactions) (4 digits)
- Odometer Entry (6 digits)
- Misc. Keyboard Number (10 digits)
- Transaction Type - Normal, Quantity Restriction, Emergency Stop, Pump Time-Out, Communication Failure (between the Fuel Site Controller and Fuel Island Terminal)
- Pump Number (2 digits)
- Product Number (2 digits) and Description (12 characters)
- Quantity Taken (8 digits with floating decimal)
- Unit Price (4 digits i.e., \$N.NNN)
- Total Transaction Extended Monetary Amount (6 digits i.e., \$NNNN.NN)

## Fuel Island Terminal Specifications

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

Power Requirements: 120/230 VAC 50-60 Hz 100 Watts

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

## Fuel Site Controller Specifications

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

Power Requirements: 120/230 VAC 50-60 Hz 50 Watts

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

## K800™ Phoenix for Windows™ Software

- Intuitive user interface lets you easily navigate between sites account and transaction screens
- Automatically schedule transaction polling. Polling daily, weekly or monthly
- Reconcile your fuel transactions and tank gauge inventory with Phoenix™ Premier



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6900 SANTA FE DRIVE • HODGKINS, IL USA 60525 • www.opwfms.com • 708-485-4200 • (fax) 708-485-4630

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