**Encore Family Model Guide**

### Encore Family Features and Options

**Color Screen**
- Open technology platform with lots of potential
- Tone dispensers into profit centers with level-sensing and full color merchandising systems
- Integrates easily with VNET
- Methanol** with smart advanced merchandising content in color
- Increasing viewership
- No POS changes needed to support color screens
- Enables premier consumer experience with interactive streaming video and full color content

**Store & Forward**
- Minimizes appetite
- Allows dispensers to transact in stores even when POS or network connections are down

**Encrypting Card Reader & PIN Pad**
- Smart POS encryption at the point of sale to eliminate fraud
- Secure, tamper-resistant covering provides enhanced physical security

**Contactless Payment & RFID**
- Secure transaction for higher throughput
- Biometric sense of credit card brand
- MasterCard® PayPass ExpressPay from American Express® VueTag contactless

**Bar Code Scanner**
- Encore loyalty program

**Cash Acceptor**
- Accepts up to $100 bills
- Helps speed cash transactions where pumps are required

**Flex Fuel Models**
- Models available for E15, E85, FlexFuel, CNG, or LNG
- Flexible hydraulics for alternative and standard fuels at same fueling position

**Scissors**, **Tongs**, **Bag Holder**, **Car Mat**
- Premium dispensing features

**Fuel Management Services**
- Progress for your program
- Enhanced loyalty programs
- Flexible hydraulics for alternative and standard fuels at same fueling position

**Dispenser Features & Options**
- Accepts up to $100 bills
- Helps speed cash transactions where pumps are required

**Dispenser Grades Dispensed**
- Single Hose + 1 Dispenser
- Multi-Hose + 1 Pump
- Single-Hose + 1 MPD Dispenser
- Multi-Hose + 1 MPD Dispenser

**Dispenser Grades**
- Grade Button
- Lever

**Contactless Payment & RFID**
- Uses DES encryption at the point of sale
- Integrates easily with SMART merchandising screens
- Turns dispensers into profit centers
- Increased viewership with interactive streaming video and color screens

**Fuel Dispensing • Site Control • Point of Sale • Fuel Management Services**

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Telephone: 800.999.1234 | Fax: 336.279.1415

F-2008 Encore Series | NB-575 | Petroleum USA
Encore • Best-in-class customer interface and expandability for today and tomorrow

**Encore Flexible Fuel**

- Specially designed to accommodate a wide range of alternative motor fuels
- Hydraulics designed for meet or exceed current and pending safety and environmental standards
- Hydraulics designed to meet or exceed the latest fuel specifications* for all, including UL, EPA, DEF, CNG or LP-gas compatible materials
- Cast iron meter with nickel-plated measuring chambers
- Internal piping made with black iron or stainless steel
- Stainless-steel fuel filter assembly
- Unplated steel compression fittings
- Stainless-steel control valves with compatible nuts
- Electrocatalytic corrosion-resistant

Available in the Encore S Series and the Encore 300 series to meet your specific needs. Refer to the Encore Family Model Guide for details.

* UL has not yet approved specifications or specific alternatives for certain alternative fuels

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**Encore 500 S Maximizes Your Profit**

- Stylish head speed selection, payment and throughput
  - In-line interface speeds transactions
  - Programmable flow rates for easy product selection
  - Features head for easier price selection
  - Programmable, customizable card reader, cash, major of cards
  - Flexible display for easy use
  - Optional backlit display

**SMART Connect™ increases site uptime**

- Remote diagnostics and fuel house troubleshooting services
- Lowers compliance costs by tracking tank gauge and dispenser data
- Enables seamless throughput with real-time flow rates and error detection
- Decrease site costs with reduced downtime, such as price changes

**SMART Flow increases throughput to drive profits**

- Delivers fast, consistent flow even when sites are at their busiest
- Provides benefits of variable-speed STPs without the higher limits
- Reduces costs by eliminating the need for mechanical flow limiters
- Internal piping made with black iron or stainless steel
- Stainless-steel control valves with compatible nuts
- Electrocatalytic corrosion-resistant

Available as:
- One-sided single satellite
- One-sided single master
- Two-sided dual satellite
- Two-sided dual master

**Encore 300 Series**

- Available as part of the Encore S Series and the Encore 500 S
- Delivers fuel at 32 gpm (one hose) or 63 gpm (master/satellite combined)*
- Maintains consistent image while offering site-specific features at your site
- Some advanced features and options are not available on Encore 300
- Contact your Card Reader is only available as a field retrofit

Refer to the Encore Family Features & Options table for more details.

---

**Encore 300 Series**

- Specially designed to accommodate a wide range of alternative motor fuels
- Hydraulics designed for meet or exceed current and pending safety and environmental standards
- Hydraulics designed to meet or exceed the latest fuel specifications* for all, including UL, EPA, DEF, CNG or LP-gas compatible materials
- Cast iron meter with nickel-plated measuring chambers
- Internal piping made with black iron or stainless steel
- Stainless-steel fuel filter assembly
- Unplated steel compression fittings
- Stainless-steel control valves with compatible nuts
- Electrocatalytic corrosion-resistant

Available in the Encore S Series and the Encore 300 series to meet your specific needs. Refer to the Encore Family Model Guide for details.

* Assumes 30 psi inlet pressure
**Encore® S Series**

**Best-in-class customer interface and expandability for today and tomorrow**

- **Flexible to upgrade and grow with your business**
- **Forward and backward compatible Encore electronics**

SUPERIOR flexibility for today and tomorrow

- **Logging of price changes allows monitoring for unscheduled programming**
- **Increased payment privacy**
- **Encrypting card reader and PIN Pad options to prevent card/PIN skimming**

**Payment/Data Security**

- **If pulse not detected, dispenser goes into slow flow/no flow**
- **Sealed pulser and meter components reduce access and fraud (optional)**
- **Programmable codes for site level security**
- **Requires POS authorization to activate manager’s keypad**
- **Hidden security clasp accepts an optional pad lock**
- **Physical entry control with site-specific locks**
- **Optional door sensors to alert unauthorized entry**

**Physical/Access Security**

- **SECURE features reduce theft and fraud**
- **SMART Flow™ increases throughput to drive profits**
- **SMART Connect™ increases site uptime**
- **SMART Merchandising™ drives in-store sales**

**Simple** operation for faster transactions

- **Brand View canopy and eye-level graphic reinforces retailers brand image**

**Stylish** design attracts customers

- **Large buttons with positive feedback**
- **Intuitive customer interface**
- **Customer-defined, centralized layout**

Best-in-class customer interface and expandability for today and tomorrow.

**Encore 500 S Maximizes Your Profit**

- **Easily track promotions, specials and coupons**
- **POS Independent**
- **Increases inside sales as much as 10%**
- **You control the content and coupons**
- **Runs on 5” Monochrome or 10” color in-store sales**

*Optional Feature

- **Angled hose outlets reduce scuffs**
- **Longest lasting, super bright LEDs**
- **Scratch and chemical resistant display lenses**
- **Two-year warranty includes travel, parts and labor**
- **Four-year corrosion coverage on all visible surfaces**
- **High-quality construction and blemish free face plate**
- **External security features include-augmented access**
- **Optional color display**
- **Dynamic monochrome display**
- **Credit, debit, RFID, bar code cards, contactless card readers**
- **Positive feedback for easier grade selection**
- **Intuitive interface speeds transactions**
- **Stylish bezel speeds selection, payment and throughput**

Encore 500 S

Encore 500 S

- **SMART Connect lemon service costs**
- **Remote diagnostics and field meal troubleshooting (lemon service costs)**
- **Lowers compliance costs by tracking tank gauge and dispenser data**
- **Newer meter throughputs with real time flow rates and leak detection**
- **Custom site control with detailed demarcation, such as price changes**

SMART Flow increases throughput to drive profits

- **Delivery fast, consistent flow, even when spills are at their highest**
- **Reduces costs by eliminating the need for mechanical float meters**

**Encore 300 Series**

- **Great for low-cost entry into the fuel dispensing business in a challenging environment that is fast, variable and stable**
- **Great for low-cost entry into the fuel dispensing business in a challenging environment that is fast, variable and stable**
- **Maintain a consistent image and customer interface at your location**

*Optional Feature

- **Contactless Card Readers are only available on Encore 300**
- **Some advanced features and upgrades are not available on Encore 300**
- **All optional CRIND® payment and merchandising features available on the Encore base models are also available on Encore Ultra-Hi models**
- **Optional integrated alphanumeric keypad that allows convenience store front information at the dispense, eliminating the need for an additional dual-retail payment terminal**

**Encore Ultra-Hi**

- **Available as part of the Encore Ultra-Hi series and Encore S Series**
- **Available as part of the Encore Ultra-Hi series and Encore S Series**
- **Specially designed to accommodate a wide range of alternative motor fuels**
- **Hydraulics designed to meet and exceed current and pending safety and environmental standards**
- **Nicor® designed to meet and exceed current and pending safety and environmental standards**
- **New design to meet and exceed current and pending safety and environmental standards**

**Encore Flexible Fuel**

- **Ready for the future today**
- **Ready for the future today**
- **Great for low-cost entry into the fuel dispensing business in a challenging environment that is fast, variable and stable**
- **Great for low-cost entry into the fuel dispensing business in a challenging environment that is fast, variable and stable**
- **Specially designed to accommodate a wide range of alternative motor fuels**
- **Hydraulics designed to meet and exceed current and pending safety and environmental standards**

Guide for details.

+ UL has not yet approved specific fuel or UL specifications.*
- **Ethanol compatible seals**
- **Nickled plated inlet filter adapters**
- **Unplated steel compression fittings**
- **Stainless steel control valves with compatible fuels**
- **Ethanol compatible waist**
- **Available in the Encore 3 Series and the Encore 300 series to meet your specific needs**
- **Encore Ultra-Hi models are compatible with sleeve, sleeve-less stalks and 16" stalks**

* Assumes 30 psi inlet pressure

**Encore 300 series to meet your specific needs.**

Guide for details.
Encore® S Series
Best-in-class customer interface and expandability for today and tomorrow

- Flexible to upgrade and grow with your business
- Superior flexibility for today and tomorrow
- Logging of price changes allows monitoring for unscheduled programming
- Encrypting card reader and PIN Pad options to prevent card/PIN skimming

Payment/Data Security
- If pulse not detected, dispenser goes into slow flow/no flow
- Sealed pulser and meter components reduce access and fraud (optional)
- Programmable codes for site level security
- Requires POS authorization to activate manager’s keypad
- Hidden security clasp accepts an optional pad lock
- Physical entry control with site-specific locks
- Security features to prevent unauthorized access

Secure features reduce theft and fraud

- SMART Flow™ increases throughput to drive profits
- SMART Connect™ increases site uptime
- SMART Merchandising™ drives in-store sales
- Large buttons with positive feedback
- Intuitive customer interface
- Customer-defined, centralized layout
- Simple operation for faster transactions

- Brand View canopy and eye-level graphic reinforces retailer’s brand image
- Refined bezel and columns enhance the appearance
- Stylish design attracts customers

- Best-in-class customer interface and expandability for today and tomorrow

Encore 500 S Maximizes Your Profit

- Coupon redemption rates up to 60%
- Increases inside sales as much as 10%
- You control the content and coupons
- Runs on 5” Monochrome or 10” color in-store sales*

- Angled hose outlets reduce scuffs
- Longest lasting, super bright LEDs
- Scratch and chemical resistant display lenses
- Four-year corrosion coverage on all visible surfaces

- Optional color display
- Dynamic monochrome display
- High speed USB printer for coupons, credit, debit, RFID, bar code cards,

- Payment options: contactless card reader, cash, major oil card
- Positive feedback for easier grade selection
- Progressive lighting cues for easy product selection
- Intuitive interface speeds transactions

- Stylish bezel speeds selection, payment and throughput

Encore 300 Series

- Available as part of the Encore S Series and Encore Ultra-Hi
- Deliver fuel at 32 gpm (you pump) or 63 gpm (master/satellite combined)*
- Maintain a consistent image and customer interface at your location
- Some advanced features and upgrades are not available on Encore 300
- Contactless Card Readers are only available as field retrofits

For more details, refer to the Encore Family Features & Options table.

Encore Flexible Fuel

- Specially designed to accommodate a wide range of alternative fuels
- Hydraulics designed for meet and exceed the maximum pressure and environmental standards
- Hydraulics designed to meet and exceed the maximum pressure and environmental standards*

- Ethanol compatible sealants
- Unplated steel compression fittings
- Stainless steel control valves with compatible seals
- Ethanol compatible sealants

Available in the Encore S Series and the Encore 300 series to meet your specific needs. Refer to the Encore Family Model Guide for details.

* Assumes 30 psi inlet pressure

Encore base products are also available as field retrofits

Available in the Encore S Series and the Encore 300 series to meet your specific needs. Refer to the Encore Family Model Guide for details.

Some advanced features and upgrades are not available on Encore 300.

Specially designed to accommodate a wide range of alternative fuels

Available as:
- One-sided single master
- One-sided single satellite
- Two-sided dual master
- Two-sided dual satellite
- Two-sided dual master/satellite

Encore Ultra-Hi

- Right for the future today
- Faster truck fueling means more business
- Available as part of the Encore S Series and Encore Ultra-Hi

Encore Ultra-Hi

- Great for low cost entry into the fuel dispensing business or as a back up dispensing unit
- Covers all needs for a fixed set of features
- Great for low cost entry into the fuel dispensing business or as a back up dispensing unit
- Covers all needs for a fixed set of features

Your basic dispenser for today’s needs

Your basic dispenser for today’s needs

Your basic dispenser for today’s needs

Your basic dispenser for today’s needs

Your basic dispenser for today’s needs
## Encore Family Model Guide

### Encore Family Features and Options

**Color Screen**
- Open technology platform with lots of potential
- Tissue dispensers into profit centers with video advertising and full color merchandising displays
- Integrates easily with VHT (Virtual-Hot Ticketing™) or other advanced merchandising content in color increasing viewership
- No POS changes needed to support color screen

**Store & Forward**
- Minimizes queues
- Allows dispense transactions to continue even when POS or network connection is down

**Encrypting Card Reader & PIN Pad**
- From OVE acceptance at the point of sale to eliminate fraud
- Secure, tamper-resistant design provides enhanced physical security

**Contactless Payment & IFID**
- Contactless transactions for higher throughput
- Reduced liability of credit card fraud
- MasterCard® PayPass®, ExpressPay

## Flex Fuel Models
- Models available for E15, E85, Biodiesel, CNG, & LPG
- Flexible hydraulics for alternative and standard fuels at same fueling position

### Encore Dispenser Family

#### Type
- Encore
- Encore 300
- Encore S

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<th>Feature</th>
<th>Encore 300</th>
<th>Encore S</th>
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### Encor Family Model Guide

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