



The Intelligent Way to Manage Wellhead Production and Assets

When it comes to cost-effective wellhead optimization, information and control are critical. This requires reliable control, real-time data, and convenient communications.

With the NEW AutoCycle™ ic you get all three... and more. Now, you can stay in touch with your wells every minute of the day regardless of where you or your wells may be located.

The NEW AutoCycle™ ic is a seamless wellhead management solution unlike anything you've ever seen.

With this fully-integrated solution, you can easily monitor your production process with iNodes™ wireless liquid level, pressure and temperature sensors and control your plunger lifts from your office, vehicle or... from anywhere. Optimize production. Reduce costs. Improve safety.

The AutoCycle™ ic offers upgrade scalability, meaning you can begin with a standalone feature set and when ready, quickly and easily upgrade to any level of functionality and control you desire.* The AutoCycle™ ic offers the familiar appearance, control panel ease-of-use, intuitive menu-driven program design, and collective functionality of our popular controllers, including: LiquiLift™ III, AutoCycle™ and ACC5000™.

*Upgrades can only be made to compatible AutoCycle™ ic boards.



AutoCycle™ ic

Enhance Your Control

The first of its kind two-way text messaging connectivity with any SMS text enabled cell phone. Check current status, change operating parameters, receive scheduled messages, and notification of alarm events.

The NEW AutoCycle™ ic brings wellhead management all together in one simple solution. You no longer need a full SCADA set-up to get full-level communications with your wells. Now, you have total control, command and communications you need. The NEW AutoCycle™ ic is a seamless wellhead management solution unlike anything you've ever seen.

Features

- Outside-the-box innovation in a single box
- Patented AutoCycle™ plunger lift controls inside
- Designed for low-power monitoring and control applications
- Integrated remote connectivity for access to real time wellhead conditions from anywhere at any time
- Scalable to meet your needs today, tomorrow, and into the future

Contact us today to learn how our technology can help improve your production performance. Visit our web site or email us at: staff@fbdoover.com

P.O. Box 130158
Tyler, TX 75713
(903) 561-4851
fax (903) 561-6567
www.fbdoover.com

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Specifications

General

Memory	<ul style="list-style-type: none"> • 512K application code size • 512K random access memory • 1 Micro-SD (2GB max) card slot memory expansion
Pneumatic Output	<ul style="list-style-type: none"> • One pneumatic magnetically latching solenoid valve included • 40 psi maximum input pressure
Operating Temperature Range	<ul style="list-style-type: none"> • -40C to + 60C • -20C to + 60C for LCD display

Power Characteristics

Power Supply	<ul style="list-style-type: none"> • 6 Volt or 12 Volt DC selectable power source <ul style="list-style-type: none"> - 6V 1W solar panel with a 12V 4.5 A-h rechargeable gel cell battery rated for use in Class 1, Div 1 - 12V 10W solar panel with a 12V 12 A-h rechargeable gel cell battery rated for use in Class 1, Div 2 - Temperature compensated battery charging
Solar Charger Input	<ul style="list-style-type: none"> • 12 Volt, 10 Watt max
Quiescent Mode Current	<ul style="list-style-type: none"> • Approximately 8 milliamps (during sleep cycle)
Valve Open or Close Pulse	<ul style="list-style-type: none"> • Typically 0.8 amps for ¼ second
Keypad/LCD active	<ul style="list-style-type: none"> • 3.5 milliamps until next sleep cycle

I/O

- 3 Analog inputs 0-5 Volt
- 1 Discrete input typically for magnetic shut off plunger sensor
- 4x20 character LCD and Keypad
- 4 Discrete high current outputs for actuation of up to 2 Latch valves

Communications

- 1 serial port RS-232 connection
- 1 TTL 3.3V serial connection
- USB Local Operator Interface (LOI)
- Optional cellular modem to enable remote monitoring and control with cell phone SMS messaging

Mechanical

Enclosure Description	<ul style="list-style-type: none"> • Painted Steel, Lockable, Weatherproof • Stainless Steel option available
Enclosure Dimensions	<ul style="list-style-type: none"> • 8.25" Wide X 8.25" High X 4" Deep with the 4.5 Ah battery • 8.5" Wide X 12.25" High X 7" Deep with the 12 Ah battery

Monitoring and Control Options

- Plunger-Lift control
- Tank Level monitoring
- Pressure monitoring
- Temperature monitoring

Interface Options

- Local PC Access for setup and operations
- Cellular via SMS Text and email
- On Site with full function keypad & display



Contact us today to learn how our technology can help improve your production performance. Visit our web site or email us at: staff@fbdover.com