

# CONCOA Web Server Technology



CONCOA's revolutionary Web Server Technology and proprietary embedded software is available as a standard feature of the 538 Series Intelliswitch II. This new generation gas management system allows users to remotely monitor and securely configure the functions and operation of this fully automatic computer controlled gas switchover. With real time status display available through the Internet or Local Area Network, it is truly the first and only "smart" integrated system available. This system can be configured to send an email notification to confirm any operator interactions, such as pushing buttons on the unit, or upon alarm activation. This feature makes it ideal for continuous monitoring and supply of critical gas supplies to analytical laboratories, chemical processes, instrumentation, or Biotech and pharmaceutical operations.

**DELIVERY**  
PSI OXYGEN: 75

**LEFT**  
PSI OXYGEN: 355

**RIGHT**  
PSI OXYGEN: 2185

SWITCHOVER PRESSURE: 135  
HYSTERESIS: 10

LOOK BACK: 30  
SWITCH BACK: 10

VERSION: 3.00  
SYSTEM I.D.: 1

EVENT LOG:  
Left Side LUP Alarm - 120  
Delivery Transducer LUP - 120  
Error - Calibration Incomplete  
Cylinder Selection Changed - LF-ON, RT-OFF  
Alarm Clear - Left Side LUP

The Web Server STATUS Screen depicted at left first appears when the unit is accessed thru the web server.

This screen has real time display of critical readings and settings such as:

- Inlet and Delivery Pressures, Bank Status, Selected Gas source.
- Alarm status, Switchover Set point, and other Program Settings.
- Gas Type and System ID number
- Event Log

The Web Server EDIT Screen depicted at right is password protected and allows the user to access the operating parameters of the 538 Series Intelliswitch II. From this secure screen, the user can change functions such as: Switchover pressure, Look back and Switchback times, Keypad Lockout, Gas type and System ID, Transducer Calibration, Units of Measure, and even remotely change the gas source from side to side. This is also where email alerts are configured to enable the unit to communicate alarms and/or any event, making it ideal for managing critical gas supply.

SWITCHOVER PRESSURE: 135  
LOOK BACK: 30  
SWITCH BACK: 10  
HYSTERESIS: 10

LEFT OFFSET: -20  
RIGHT OFFSET: 0

SYSTEM I.D.: 1  
GAS TYPE: 1

LEFT CYLINDER: 230 PSI, 350 PSI, 500 PSI, H.P.  
RIGHT CYLINDER: 230 PSI, 350 PSI, 500 PSI, H.P.

UNITS OF MEASURE: PSI, BAR, MPA  
KEYPAD: LOCK, UNLOCK

GAS SOURCE: LEFT, RIGHT

EMAIL 1  
EMAIL 2

CANCEL, SET, UNDO, ZERO SET, RESTORE DEFAULTS