

# SVENMIX



## FLOW PACING CONTROLLER

### User Guide

SEPTEMBER 2007



**Figure 1 Main Screen**

## **GENERAL**

### **MAIN SCREEN**

#### **INT (EXT)**

Pressing the arrow next to this icon toggles the unit between internal and external control

#### **STOP (START)**

Pressing the arrow next to this icon toggles the unit to start and stop. There is an adjustable stop delay in the Menu that can be used to set the purge time at the end of a cycle.

#### **MENU**

The arrow next to this icon brings up a menu of items that are used for changing the configuration or monitoring the analog input for the cutout pressure transducer.

#### **Ext Enable (Ext Inhibit)**

This is a status area. When it displays Ext Enable this means there is no cutout condition (units run without transducer or pressure switch). Cutout is off.

When it displays Ext Inhibit this means the unit is in low suction cutout condition. Cutout is on. The unit requires an analog signal above the Low PSI Cutout setpoint.



Figure 2 Menu

MENU (Figure 2)

Note: Menu Contents (when Menu is pressed use the up and down arrows to scroll through the menu)

**Main Screen** - pressing the ENT key takes you back to Main Screen

**Int Pace Set** (setpoint)- this is where you set your strokes. Press the ENT, the punch in the number of strokes (0-100 when in strokes per minute, 0-6000 when in strokes per hour). You can also increment the value using the up and down arrows. After you have entered the value you want press the ENT key and this saves the value.

**Stop Delay** (setpoint) - adjusts the purge time after the unit has been stopped START (STOP). The value is changed the same way the Int Pace Set is entered.

**Low PSI Cutout** (Setpoint) - adjusts the low suction cutout in pounds per square inch (psi). The range of the sensor is 0-30psi.

**Suction PSI** (reading) - this is the actual reading in psi from the sensor.

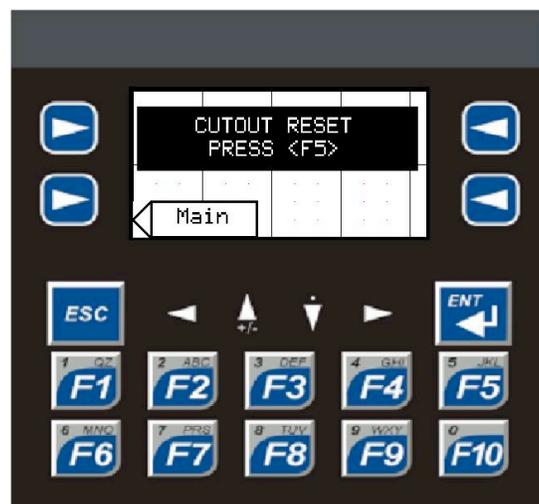
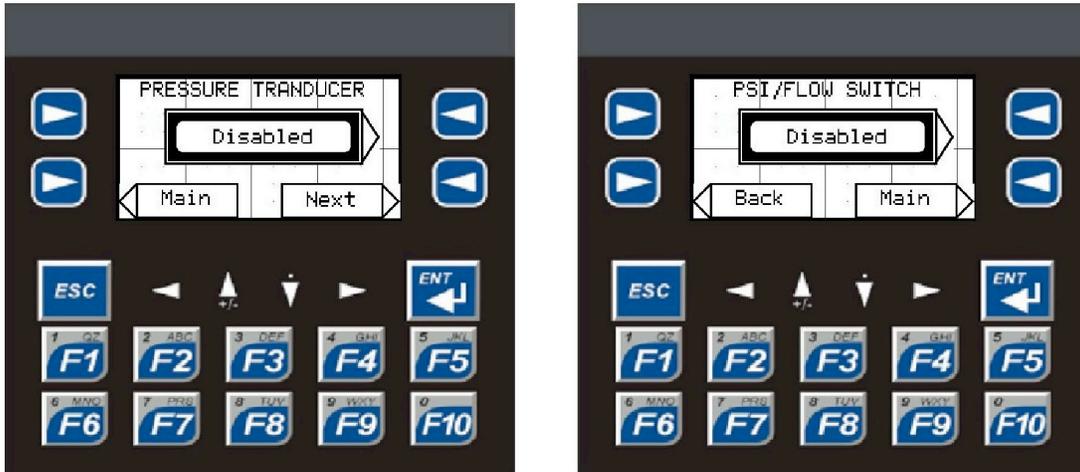


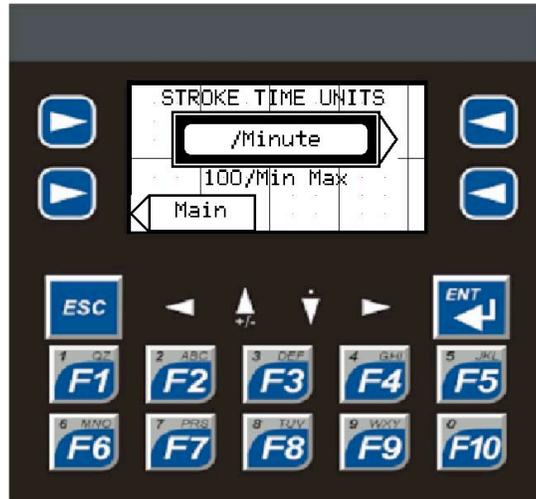
Figure 3 Cutout Reset

**Cutout Reset** - (Figure 3) resets the mode of the cutout to Ext Enable if no signal is on the input (no transducer connected).



**Figure 4 Pressure Transducer & PSI/Flow Switch Enable/Disable**

**Cutout Enable** - (Figure 4) manually enable or disable the transducer and pressure switch. If both are disabled and the main screen still displays Ext Inhibit (system senses there is a transducer attached) then go back into the menu to Cutout Reset and reset the cutout. This will clear the cutout. This step is just an extra safety measure so that the cutout does not get removed prematurely.



**Figure 5 Stroke**

**Stroke Units** - (Figure 5) press the upper right arrow to toggle between /Minute and /Hour. Press the arrow next to Main to jump to the Main Screen.