SLIMFLEX
QUICK START GUIDE

Match the model number with your controller to ensure you have the correct equipment for your application.

S4T (SlimFLEX 4 relay controller)

CO-IN-TB-TB—Base model includes selectable Inhibitor feed based on a watermeter or % time or blowdown, selectable blowdown control on conductivity or % time or makeup and two timed biocides.

CO-IN-OX-TB—Includes base controller with oxidant control based on ORP and only one timed biocide.

CO-IN-PH-TB—Includes base controller with acid control based on pH and only one timed biocide.

ACCESSORIES:

CTF—This option adds a thermal flow switch to the conductivity/temperature sensor.

OPTIONS:

CL—Add a 4-20mA output card to provide the conductivity value to a remote device or system

LB—Add an Ethernet port. This allows you to connect to the controller with a PC or connect to the plant network whereby the entire plant can have access. (Don't have this option? Place this link in your Internet Browser to **view a SlimFLEX controller live**.   **http://66.146.13.226**

AR—Alarm dry contact. Can be used to turn on a light, horn or be input to the plant system.

KEYPAD FUNCTIONS:

Apply power (120VAC) to the unit. You should see the POWER UP SCREEN:

Note the serial number. Open the lower cover panel (two screws) to compare the displayed serial number with the sticker.

Note the time and date. Set for your time zone. See back page.

The keys: ⏎ Enter, ↑ Cursor Up, ↓ Cursor Down, → Cursor Right, ⊗ Escape.

Press the **Down arrow** repeatedly until the display has cycled through the entire menu and returned to the power up screen.

Note the cursor on the right-hand side of the display.   This cursor indicates the line you are monitoring. If you press the **Enter** key, you will open the sub-menu options for this line.

TRY THIS!

Note the line indicated by the cursor.   Press the **Enter** key. Note the submenu. Press the **Down arrow** key to view the menu choices. Press **Enter** to open a submenu or activate a command. Press the **Escape** key to exit.

HOW TO:

PRIME A PUMP OR BLEED VALVE:

Any relay can be primed for 5 minutes. To cancel the prime action, clear the alarm.

Example: Prime the Bleed Relay, then cancel after x minutes;

Use the **arrow keys** to locate the **Bleed Solenoid** and press **Enter**.

Use the **arrow keys** to scroll up or down to **Test Bleed**. Press **Enter**. Relay is on for 5 minutes.

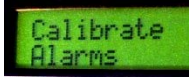To cancel the Prime, **scroll** to **Alarms** and press **Enter twice**. Relay turns off.

CHANGE TIME/DATE:

From the power up display, press **Enter, down arrow** and **Enter** again.

Adjust Clock
Stop Inhibitor

CALIBRATE A SENSOR:

To calibrate conductivity, (or ORP or pH), move the cursor **down or up** until you see the desired sensor. Press

Enter. Conductivity 1195 uS   You will see **Calibrate/Alarms**. Calibrate Alarms   Press **Enter** to edit the current

conductivity value. Notice the cursor under one of the digits. (Number <u>6</u> in this picture). Edit & ENTER 1196 uS

Move this underline using the **Right Arrow** [→] to the digit you wish to change and press the **up** or **down** arrow to change it. Move the cursor and repeat as necessary. Press **Enter** when complete.

BLEED SETPOINT:

To edit the blowdown setpoint, scroll down to **Bleed Solenoid** and press **Enter**. Bleed Solenoid ON   8.0min   See
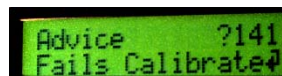
Setpoints and press **Enter**. See **Turn On** and press **Enter** or scroll down to **Turn Off** and press **Enter**. Use **Up**, **Down** and **Right** arrows to edit the values. When done, press **Enter** then **Escape** two times to return to the top menu.

BIOCIDE TIMER:

The timer will show the current day number. **Day 1** is Sunday if using weekly or 28 day cycle. Press **Enter** twice to enter an event. Choose the day of the cycle then set the start time and duration, press **Enter**. Scroll through frequency choices and press **Enter**. See advice #. Press any key to return to top menu. Re-enter menu to set **Prebleed** and **Lockout** if desired. Press **Escape** to return to top menu.

HELP!

What does **"?141 Fails Calibrate"** mean? Advice   ?141 Fails Calibrate

Throughout the controller menu, there are embedded help references. They are identified by the question mark and a three-digit number. The Help document can be downloaded from our web site at **www.aquatrac.com**. The file is entitled **'Slim_microFLEX_HELP'**.

If a sensor fails the calibration, the value entered is out of range. Press **Enter** to disregard the warning and keep the new value. Or press **Escape** to disregard the new value and reset the input to factory defaults.
You should at a minimum inspect/clean the sensor and re-calibrate. If the value you enter is still out of range, you should consider a new sensor.

Call Technical support for other troubleshooting tips.   800/909-9283