

Strantrol® Set Point NX Pool & Spa Chemistry Controller

Basic Operations

Probe Cleaning

The probes should be cleaned when the difference between controller readings and test results taken at the flow cell are unacceptably high.









WARNING: Personal Protection Equipment must be worn while cleaning the probes.






1. Flow switch operation should be checked daily by closing the valve in the sample line to the flow cell and checking that the float drops and the pumps stop.
2. Switch off power to the controller and disconnect the probe lead at the controller.
3. Close the sample supply valves
4. Unscrew the probe from the flow cell, to ensure the cable is not twisted.
5. Using a toothbrush, scrub the tip of the probe with probe cleaner.
6. Rinse with clean water, shake down to remove any air bubbles and return probe to the flow cell.
7. Reconnect probe, restore sample flow and switch on the controller.

Button Functions:

Calibration












After probe cleaning, wait for at least one hour before calibrating.

1. Measure the free chlorine, pH and temperature at the flow cell.
2. Press and hold the  and  keys together, then release.
3. Press the  key
4. Adjust the pH with the  or  key.
5. Press the  key to accept .

6. Press the  key to advance to chlorine
7. Adjust the chlorine with the  or  key.
8. Press the  key to accept.
9. Press the  key.

(Note: The chlorine value is displayed as a bar graph against a row of numbers below the main display.)



Changing Set Point

1. Press and hold the  and  keys together, then release.
2. Press the  key.
3. Press the  key to adjust the pH setpoint
4. Adjust the pH setpoint with the  or  key.
5. Press the  key to save.
6. Press the  key.
7. Press the  key to adjust the HRR setpoint
8. Adjust the HRR setpoint with the  or  key.

Resetting the Feed Failsafe Alarm

1. Press the  and  keys together.

Feed Failsafe Alarm

As a safety feature, the controller is programmed to feed chemicals only for a limited pre-set period. If the dosing pump exceeds this period, dosing will stop and the red alarm LED will flash. Determine the reason for the alarm, rectify the fault and press both the  and  keys together to restore dosing. Should you need to be advised as to the cause of this alarm or wish to have the time period changed, please contact Siemens Water Technologies or your local