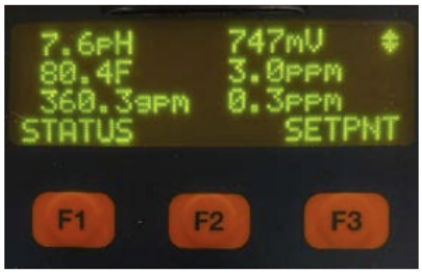
Prominent Edge Setpoints

- ✔ Setpoints will be different for every body of water. *it takes time to get setpoints correct up to a few weeks after install.
- ✔ Setpoints can vary depending on season, probe lifespan, chemical readings.
- ✔ Setpoints can be found by pushing the **F2 SETPNT** or **MENU** button.

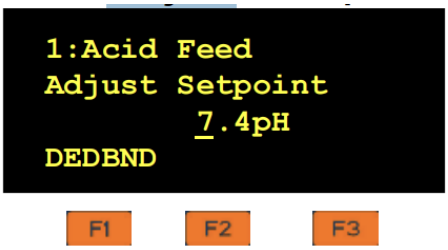


Setpoint is the ideal point where the chemical controller stops pumping chemicals. Example: if you set PPM to 3.0 the chemical controller will pump until 3.0 and turn off.

Adjusting Setpoints

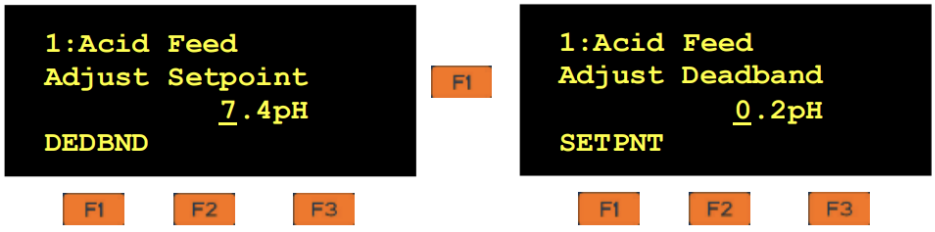
1) Press SETPNT (F3) on home screen OR press the MENU button and use the up/down buttons to ▸Adjust Setpoints Press OK 


2) Choose which relay you would like to set: ORP, pH, PPM
3) Use the arrow keys to change the setpoint, then press OK to save the new Setpoint.



Deadband

DEDBND (F1): Defines your On setpoint. To know where your on point is subtract the deadband from the setpoint. Deadbands are used to prevent the controller from turning on and off chemical pumps too rapidly. In Time Modulate feed mode the deadband is used to determine the percentage of time the pump will run when approaching setpoint.



*these numbers are just examples

Tips for **Setpoints & Deadbands**:

- Different types of feed modes.
  - **Time Cycling**- Where the controller can be told how long to turn on the chemical pump to add chemicals and how long to wait to reevaluate the chemical level before turning back on the chemical pump. Usually used for small bodies of water or bodies of water with long runs from controller to pool.
  - **Time Modulate**- Feeds chemicals based on distance between the On and off setpoint. Ex: Chlorine setpoint of 3 with an ON point of 2 (determined by deadband) at 2.5 the pump will feed for 50% of time entered in the period setting.
  - **ON/Off**-The controller turns on when needed and off when setpoint is reached.
- It is very normal to see the chemical pumps run and then pause for a few minutes before pumping again.

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