

## Change a Probe on EMEC Edge 100



Both ORP and PH probes are located in the probe container. The probe container is located on the very front of the board under the controller.

### Steps:

- 1) Turn off flow with Isolation Valves.
- 2) Unplug the bad probe from the bottom of the controller. **pH** is the **blue** plug and **ORP** is the **yellow** plug.
- 3) Unthread black locking nut from bad probe. They should be hand tight, but you might have to use channel locks if not able to unscrew by hand.
- 4) Pull the bad probe straight out of the probe holder. Remove "C Clip" and locking nut from probe. Cord may need to have a zip tie cut to fully remove. Discard old probe.



- 5) Take the new probe out of the box and remove the plastic liquid container over the tip.
- 6) Slide locking nut over probe and onto the cord. Install "C Clip" above the top rim on the probe and below the locking nut
- 7) Slide probe into slot where old probe was removed and tighten locking nut. Make sure the probe is in the probe container hand tight.
- 8) Plug probe into controller in the same spot the old probe was plugged into. Make sure to plug and twist to lock in place.
- 9) Turn on the flow and make sure there are no leaks in the probe container.
- 10) Allow the probe to adjust to water for at least an hour.
- 11) Calibrate probe if needed. \*pH only



### Tips:

- ★ Do not cross thread probe when screwing into probe container. Check for leaks!
- ★ Make sure to put all grey cord in a neat coil and do not allow it to hang loose. This might require a zip tie.
- ★ Probe plug needs to be tightly plugged into controller. Make sure it is locked in place.
- ★ Do not remove liquid cover from the new probe until ready to install into probe Container. We do not want the tip of the new probe to become dry.

### Tools needed:

- ★ Channel locks- to unscrew or screw in probe from probe container. If needed- should be hand tight with no leaks.
- ★ Zip Ties and/or something to cut zip ties.

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