

Fully automated measurement, cleaning and calibration of pH/ORP

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With Liquiline Control CDC90, we offer you a smart system that measures pH and ORP, and cleans and calibrates the connected electrodes fully automatically. As the sensors do not need to be removed, your process continues to run without interruption. This reduces your maintenance work significantly, particularly if your process requires frequent sensor cleaning and calibration. Furthermore, automated measuring points minimize manual maintenance activities in hazardous and difficult-to-access areas.

As soon as contamination is detected on a sensor or a pre-set maintenance interval is reached, the cleaning cycle begins. The sensor is first moved pneumatically into the assembly. There, it is thoroughly cleaned using water and cleaning agents and, if necessary, calibrated using pH buffer solutions.

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Then, the sensor is moved back into the measuring position. A measuring point that is automated in this way guarantees reliable, accurate and always available measurements even under the toughest process conditions (high temperature, aggressive medium etc.).

Reasons for automating a pH/ORP measuring point?

- My process requires accurate, reproducible measured values that are available 24/7.
- My sensor needs to be cleaned and calibrated very frequently.
- My measuring point is difficult to access or located in a hazardous environment.
- My sensor should only measure at certain intervals and should always be ready for use in between.
- My measuring point cannot be properly serviced manually.