

# Cleaning and calibration system Liquiline Control CDC90

Fully automatic system for pH and ORP  
measuring points in all industries



More information and current pricing:

[www.endress.com/CDC90](http://www.endress.com/CDC90)

## Benefits:

- Increased occupational safety for your employees: Liquiline Control CDC90 reduces maintenance and servicing measures to a minimum – a decisive advantage, especially in difficult-to-access and hazardous environments.
- With customizable cleaning and calibration cycles for up to two sensors, you can achieve high process reliability, product quality and optimum product yield. Blockages and soiling of the sensors are removed in good time.
- Intelligent media distribution and dosing guarantees reproducible calibration results and ensures reliable measured values at all times.
- Minimize operating costs by optimizing buffer and cleaning agent consumption at both measuring points. This is ensured by the sophisticated hydraulics of the Liquiline Control CDC90.
- Seamless integration into your process control system with certified communication standards. Includes analog or digital signals as well as fieldbus: 0/4 ... 20 mA, PROFIBUS DP, Modbus TCP, EtherNet/IP, PROFINET, and web server technology.

**Field of application:** The Liquiline Control CDC90 plug & play system automates Memosens pH and ORP measuring points in all industries. It cleans, calibrates and adjusts up to two sensors automatically, reducing maintenance effort, improving working safety in harmful areas and helping to ensure the yield and quality of your product. It can easily be integrated into existing plant infrastructures and allows convenient remote control of your measuring points via any process control system or mobile device.

## Features and specifications

## pH

**Measuring principle**

Potentiometric

**Application**

Increased occupational safety by minimizing maintenance and servicing measures.

Customizable cleaning and calibration cycles for up to two measuring points.

Minimization of operating costs and buffer and cleaning agent consumption through smart media distribution and dosing.

**Installation**

Complete automated cleaning and validation system including a selectable retractable holder

**Characteristic**

Fully assembled system with powder-coated or stainless steel pneumatic control unit.

All non-ex applications

**Measuring principle**

Automated cleaning and calibration of Memosens pH and ORP sensors installed in retractable assemblies.

**Design**

Complete cleaning and calibration system including dosing pumps and canisters for buffer and cleaning solutions for connection to various retractable assemblies and sensors

**Dimension**

268 x 1170 x 770 mm (l x h x w)

10.55 x 46.06 x 28.74 inch (l x h x w)

**Connection**

DCS/PLS connection on Modbus TCP, Ethernet IP, Profinet, ProfibusDP and current in/ output

pH

**Input**

1 to 2x Memosens digital sensor

1x 0/4 to 20mA input

4x digital input

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**Output / communication**

DCS/PLS connection via Modbus TCP, EtherNet/IP, PROFINET, PROFIBUS DP, digital and analog signals

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**Additional certifications**

UKCA, CSA general purpose

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