

# Sample preparation

## Liquiline System CAT860

Robust in-situ filtration system for sampling from inlets of wastewater treatment plants



More information and current pricing:

[www.casc.endress.com/CAT860](http://www.casc.endress.com/CAT860)

### Benefits:

- Fast commissioning and plug & play thanks to Memosens technology and user-friendly Liquiline operating concept
- Cost-effective through tool-free maintenance and easy replacement of filter elements
- Advanced diagnostics with remote access for increased process safety
- Additional chemical cleaning of the filter element for extended maintenance intervals
- Various mounting options for perfect fit to the application

### Specs at a glance

- **Process temperature** 4 to 40 °C (39 to 104 °F)
- **Process pressure** Unpressurized

**Field of application:** Liquiline System CAT860 provides clear, bacteria-free samples directly from the inlet of municipal and industrial wastewater treatment plants. Its ceramic filter is suitable even for applications with high loads of fat or fibers. Easy cleaning of the special membrane surface and tool-free maintenance reduce your operating costs. The Memosens technology simplifies commissioning and supports predictive maintenance. CAT860 and the versatile Flexdip holder facilitate the adaption to your process.

### Features and specifications

Analyser

Measuring principle

Colorimetric

## Analyser

### Characteristic

Automatic sample preparation system for supplying process measuring devices with filtered samples

### Size

793 x 530 x 463 mm  
31.22 x 20.87 x 18.23 in  
(h x w x d)

### Design

Back-flush filter system with various filter mounting options: float, chain and immersion pipe  
Full compatibility to holder CYH112

### Process temperature

4 to 40 °C (39 to 104 °F)

### Ambient temperature

Unheated: 5 to 50 °C (41 to 122 °F)  
Heated: -20 to 50 °C (-4 to 122 °F)

### Process pressure

Unpressurized

### Specials

Back-flush function with cleaner and pressurized air  
Controlling and parametrization via Liquiline System CA80 with detailed diagnostic function

### Application

Sampling from inlet of municipal and industrial wastewater treatment plants. Sampling of aqueous media from industrial processes.

### Power supply

100 to 120/200 to 240 V AC 10%, 50/60 Hz

### Consumables

Cleaner CY820 for filter and hoses

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