

# Stamolys CA71COD



More information and current pricing:

[www.fi.endress.com/CA71COD](http://www.fi.endress.com/CA71COD)

## Benefits:

- Reliable correlation to DIN and GB laboratory COD methods
- Cost and time savings by replacing manual cuvette tests
- Minimal contact by personnel with harmful substances increases operational safety
- Convenient online documentation of COD load curves
- Robust: Optional backflush pump and stirred sample vessel

## Specs at a glance

- **Measurement range** 0 ... 200 mg/l O<sub>2</sub> 50 ... 5000 mg/l O<sub>2</sub>
- **Process temperature** 5°C ... 40°C 40 ... 100°F
- **Process pressure** pressureless

**Field of application:** The CA71COD online analyzer actively supports your maintenance strategy by replacing manual cuvette tests. The constant monitoring of the chemical oxygen demand (COD) increases process safety and supports a load-based billing system for industrial wastewater treatment plants. An optional backflush pump provides reliable measurement even in inlet wastewater applications. The analyzer waste is split into dichromate and dichromate-free and ensures high environmental compliance.

## Features and specifications

### Analyser

#### Measuring principle

Colorimetric

#### Characteristic

Analyzer for the chemical oxygen demand  
Dichromat method

**Analyser****Size**

648 x 436 x 250 mm  
25.27 x 17.00 x 9.75 inch

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**Design**

GRP

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**Process temperature**

5°C ... 40°C  
40 ... 100°F

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**Ambient temperature**

10°C ... 35°C  
50 ... 95°F

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**Process pressure**

pressureless

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**Sample flow rate**

min. 5ml/min

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**Consistency of the sample**

watery and homogenized

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**Specials**

Chloride removal without Hg  
variable decomposition times

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**Application**

Wastewater / Processwater

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**Power supply**

230 V AC, 50 Hz  
230V AC 60 Hz

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**Output / communication**

0/4 ... 20 mA  
Contacts: 2 limit contacts (per channel), 1 system alarm  
contact

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## Analyser

### Measurement range

0 ... 200 mg/l O<sub>2</sub>

50 ... 5000 mg/l O<sub>2</sub>

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### Consumables

Chemicals necessary

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