

Stamolys CA71COD



More information and current pricing:

www.de.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 O₂ 50 ... 5000 mg/l O₂
- **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

Design

GRP

Process temperature

5°C ... 40°C
40 ... 100°F

Ambient temperature

10°C ... 35°C
50 ... 95°F

Process pressure

pressureless

Sample flow rate

min. 5ml/min

Consistency of the sample

watery and homogenized

Specials

Chloride removal without Hg
variable decomposition times

Application

Wastewater / Processwater

Power supply

230 V AC, 50 Hz
230V AC 60 Hz

Output / communication

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

Analyser

Measurement range

0 ... 200 mg/l O₂

50 ... 5000 mg/l O₂

Consumables

Chemicals necessary

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