

STIP-scan CAS74



More information and current pricing:

www.de.endress.com/CAS74

Benefits:

- Measurement directly in the process
- Safe, chemical-free measurement reduces operational expenditure
- Spectral measurements from 200 to 680 nm for detailed information about the entire process
- No external sampler or sample conditioning required
- Self-cleaning and low-maintenance
- Suitable for harsh process conditions
- Optimum spectral adaption to specific measuring tasks (dyes, color measurement etc.)

Specs at a glance

- **Measurement range** NO₃-N 0.3 to 23mg/l CODEqu 10 to 2000mg/l TOCequ 4 to 800mg/l SAK254 1 to 250 1/m SV 100 t0 900 ml/l
- **Process temperature** 0 to 30°C 32 to 86 °F
- **Process pressure** 0 to 0,3 bar 4.4psi

Field of application: The STIP-scan CAS74 sensor monitors the absorption coefficient, various carbon parameters and the nitrate concentration in wastewater applications. It features user-defined settling periods to minimize particle interferences, ensuring stable measured values at any time. By indicating load peaks, STIP-scan increases your plant safety. The low-maintenance sensor is self-cleaning and chemical-free, helping to reduce operational expenditure.

Features and specifications

Analyser

Measuring principle

Analyser

Characteristic

sensor system for online measurement of nitrate, COD, TOC, SAC

Size

593 x 129 mm
23.4 x 5.08 inch

Design

stainless steel

Process temperature

0 to 30°C
32 to 86 °F

Ambient temperature

-10 to 40°C
14 to 104°F

Process pressure

0 to 0,3 bar
4.4psi

Sample flow rate

2 to 60 min

Specials

wavelength 200 to 680 nm

Application

water / wastewater / processwater

Measurement range

NO₃-N 0.3 to 23mg/l
COD_{equ} 10 to 2000mg/l
TOC_{equ} 4 to 800mg/l
SAK254 1 to 250 l/m
SV 100 to 900 ml/l

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