

## STIP-scan CAS74



More information and current pricing:

[www.be.endress.com/CAS74](http://www.be.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** NO<sub>3</sub>-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

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**Size**

593 x 129 mm  
23.4 x 5.08 inch

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**Design**

stainless steel

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**Process temperature**

0 to 30°C  
32 to 86 °F

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**Ambient temperature**

-10 to 40°C  
14 to 104°F

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**Process pressure**

0 to 0,3 bar  
4.4psi

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**Sample flow rate**

2 to 60 min

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**Specials**

wavelength 200 to 680 nm

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**Application**

water / wastewater / processwater

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**Measurement range**

NO<sub>3</sub>-N 0.3 to 23mg/l  
COD<sub>equ</sub> 10 to 2000mg/l  
TOC<sub>equ</sub> 4 to 800mg/l  
SAK254 1 to 250 l/m  
SV 100 to 900 ml/l

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