

SPECTRON TP CA72TP



More information and current pricing:

www.de.endress.com/CA72TP

Benefits:

- User-friendly design with automatic two-point calibration and integrated sample preparation
- Blue and yellow method for best measurement performance in the low and high concentration range
- Complete sample digestion by combined chemical and thermal treatment
- Low maintenance: Large tube diameters and high-quality peristaltic pumps
- Fast measuring cycles

Specs at a glance

- **Measurement range** 0.05 ...2 mg/l 0.1 ... 5 mg/l 0.3 ... 8 mg/l 0.5 ...25 mg/l
- **Process temperature** 5°C ... 40°C 41°F ... 104°F
- **Process pressure** unpressurized < 0.2 bar < 2.9 psi

Field of application: The Spectron CA72TP monitors total phosphorus, an important nutrient parameter in wastewater applications. In your wastewater treatment plant, it helps to increase process efficiency and simplifies recording of measured values. The robust design and large tube diameters minimize maintenance effort, whereas clear diagnostic messages actively support your predictive maintenance strategy. Its built-in sample preparation is equipped with a self-cleaning cross-flow filter to prevent blockages.

Features and specifications

Analyser

Measuring principle

Characteristic

Analyzer for total phosphorus

Analyser**Size**

990 x 825 x 400 mm
39.0 x 32.5 x 15.8 inch

Design

Aluminum, powder-coated

Process temperature

5°C ... 40°C
41°F ... 104°F

Ambient temperature

0°C ... 40°C
32°F ... 104°F

Process pressure

unpressurized < 0.2 bar
< 2.9 psi

Sample flow rate

5 ... 12ml/min
0.17 to 0.4 fl.oz./min

Consistency of the sample

low level of solids, particle size <500 µm

Specials

automatic two-point calibration
Diode array spectrometer
chemical and thermal digestion

Application

monitoring: sewage treatment plant outlet, process water, surface water,
cooling water

Power supply

230 VAC 50/60 Hz
115 VAC 50/60 Hz

Analyser**Output / communication**0/4 ... 20 mA, galvanically isolated

InputTotal phosphorus (mg/l)

Measurement range

0.05 ...2 mg/l

0.1 ... 5 mg/l

0.3 ... 8 mg/l

0.5 ...25 mg/l

ConsumablesReagents

More information www.de.endress.com/CA72TP