

## SPECTRON TP CA72TP



More information and current pricing:

[www.be.endress.com/CA72TP](http://www.be.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

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**Analyser****Size**

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

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**Design**

Aluminum, powder-coated

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**Process temperature**

5°C ... 40°C  
41°F ... 104°F

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**Ambient temperature**

0°C ... 40°C  
32°F ... 104°F

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**Process pressure**

unpressurized < 0.2 bar  
< 2.9 psi

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**Sample flow rate**

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

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**Consistency of the sample**

low level of solids, particle size <500 µm

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**Specials**

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

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**Application**

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

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**Power supply**

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

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

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**Input**Total phosphorus (mg/l)

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**Measurement range**

0.05 ...2 mg/l

0.1 ... 5 mg/l

0.3 ... 8 mg/l

0.5 ...25 mg/l

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**Consumables**Reagents

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