

Online residual/total chlorine analyser (colourimetric)

PACON 2501

The PACON 2501 on-line residual chlorine analyser is an accurate, cost-effective and low-maintenance instrument for continuous on-line monitoring of residual chlorine. It detects the concentration of residual chlorine using the DPD colourimetric method and automatically adds reagents for colourimetric measurement, making it suitable for residual chlorine measurement during chlorination and disinfection and for monitoring residual chlorine concentrations in drinking water networks. Selecting total chlorine reagent, total chlorine concentration can be monitored online.



Measurement parameters

residual chlorine、total chlorine

Applications

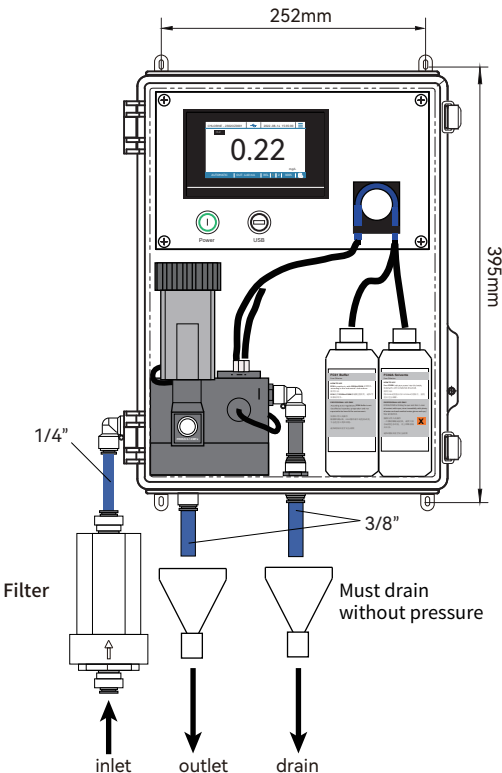
Piped water、Drinking water network、Reverse osmosis、Chilled water
Swimming pools、Shampoo (liquid)、Sterilisation process

Features

- DPD colourimetric method for more accurate and stable measurements
- Auto-diagnostics and auto-calibration
- Low reagent consumption and easy replacement
- Automatic and manual measurement modes
- Analysis cycle time approx. 2.5 minutes
- IP65 protection rating
- 4-20mA output
- RS485 Modbus communication
- Password protection against unauthorised operation

Technical parameter

Measuring principle: DPD colourimetric method
Measuring range: 0.00-5.00 mg/l (ppm) residual chlorine
Resolution: 0.01 mg/l (ppm)
Accuracy: 1 per cent f.s.
Cycle time: adjustable: 60 - 3600s (system default 300s)
Display: 4.3" LCD touch screen display(measured value, measurement mode and relay status)
Language: Chinese/English
Power supply: 90-260VAC,50/60Hz
Analogue output: 4-20mA output,Max.500Ω
Digital output: RS485 Modbus
Alarm: 2 sets of independently set Hi/Lo alarm points with hysteresis setting, 5A/250VAC
Operating conditions: Operating temperature: 0-50°C;
Humidity: 10-95 per cent, non-condensing
Recommendation: Flow rate: 1/min; Pressure: 1 bar
Protection class: IP65
Installation: wall mounting
Size: 300x400x180mm



Order Guide

Order No.	Description
33-2501-00	PACON 2501 On-line Residual/Total Chlorine Analyser
50-2501-00	Residual chlorine reagent kit, 2500 measurements possible
50-2501-02	Total chlorine reagent kit, 2500 measurements possible
50-2501-10	Spare parts kit for residual chlorine, including: peristaltic pump tubing, vials, etc.