

PACON 2500



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Online Free Chlorine Analyzer

The PACON 2500 analyzer continuously detects the online residual chlorine concentration in water and uses the authoritative and reliable DPD colorimetric method. By automatically adding buffer reagent, the sample is adjusted to a certain pH range and the DPD becomes purple with the concentration of residual chlorine. The color depth depends on the chlorine content of the water sample.

Parameters

- Free chlorine

Applications

- Tap water
- Drinking water
- Disinfection process
- Reverse osmosis
- Cooling water
- Pool



Features

DPD colorimetric method, the measurement is more accurate and stable

- See American Standard Methods
- GB method, consistent with the laboratory method

Automatic diagnosis and automatic calibration

- Automated continuous self-diagnosis monitoring
- Built-in calibration curve, calibration is very simple

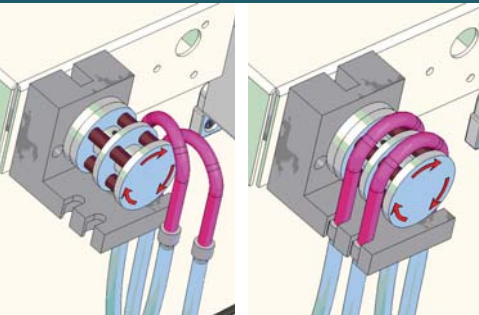
low reagent consumption, easy to replace

- Each reagent can measure 4000 times
- Reagent replacement is simple, simply pour the DPD powder into the indicator solution and dissolve it for use

Automatic and manual measurement mode

- Automatic measurement cycle optional: 300-3600s
- A key (down arrow) to quickly start a measurement





IP65 degree of protection

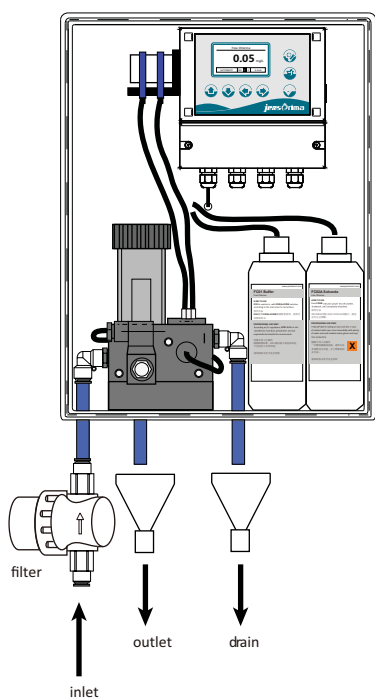
Indoor wall installation.

RS485 output

Standard Modbus RTU communication protocol. The baud rate is fixed at 9600.

Password protection to prevent unauthorized operations

Password: 0022, English and Chinese menu.



Specifications

Model	PACON 2500
Principle	DPD colorimetric method
Measuring range	0 - 5.00mg/L(ppm) free chlorine
Resolution	0.01mg/L
Accuracy	±1%f.s.
Measurement cycle	adjustable: 300 - 3600s (the instrument defaults to 300s)
Display	Multi-line LCD display (measured value, measurement mode and relay status)
Language	English
Power	90 - 260VAC
Analog Output	Isolated 4-20mA Output, Max.600Ω
Digital output	RS485 Modbus RTU
Alarm output	2 x independent set Hi / Lo alarm points, with hysteresis setting, 5A / 250VAC
Operating conditions	Operating temperature: 0 - 50 °C Humidity: 10 - 95%, non-condensing Influent flow: about 1L / min Water pressure: about 1bar
Connect	Water Sample inlet: φ10mm hose Water samples outlet: φ10mm hose Drain outlet: φ10mm hose
Protection class	IP65
Installation	Wall-mounted
Size	450 x 350 x 200mm
Weight	ca. 5Kg

Order Guide

Order No.	Model	Descriptions
33-2500-00	PACON 2500	Colorimetric residual chlorine analyzer, 90 - 260V AC
50-2500-00		Residual chlorine reagent kit, about 30 days dosage
50-2500-10		Spare parts package, including peristaltic pump tube, tube and so on