

PACON 2500

DPD Method Residual Chlorine Analyzer

Measuring parameter

- Residual Chlorine

Features

- DPD Colorimetric Method, more accurate and more stable
- Automatic diagnosis and automatic calibration
- Low reagent consumption, easy to replace
- Automatic and manual measurement mode
- IP65 degree of protection
- Rs485 output
- Password protection to prevent unauthorized operations



DPD Colorimetric Method PACON 2500 residual chlorine analyzer, is a measurement instrument of accurate, cost-effective and low maintenance, can be on-line continuous monitoring of residual chlorine. PACON 2500 uses DPD colorimetric method to detect residual chlorine of the concentration, the automatic addition of reagent colorimetric measurement, suitable for chlorine disinfection process in the residual chlorine measurement and monitoring of Residual Chlorine Concentration in Drinking Water.

Application

- Chlorine concentration monitoring of tap water
- Drinking water pipelines
- Chlorination disinfection of wastewater
- Industrial cooling water

Specification

Measuring parameter

Measuring range: 0.00-5.00mg/l (ppm) residual chlorine

Resolution: 0.01mg/l (ppm)

Accuracy: $\pm 1\%$ of f.s.

Cycle Time: Adjustable: 0 - 3600s (system default is 300s)

Display: Multi-line liquid crystal Backlit display

Language: Chinese/English

Power supply: 90-260VAC, 50/60Hz

Analog output: 4-20mA output, Max.600 Ω

Alarm point: 2 sets of independent setting of Hi/Lo alarm point, with hysteresis setting, 5A/250VAC

Operating conditions Working temp.:0-50°C; humidity: 10-95%, No condensation recommend;
Flow:1/min; Pressure:1bar



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Protection grade:	IP65
Installation:	Wall mounting
Dimension:	450x350x200mm
Weight:	5kg
Measurement Range:	0 – 5.00 mg/L (PPM)
Accuracy:	±1% of f.s.
Resolution:	0.01 mg/L (PPM)
Cycle Time:	Adjustable; 0 seconds to 3600 seconds
Note:	the system defaults to 5 minutes
Display:	Multi-Line Liquid Crystal Backlit Display
Alarms:	Two Programmable, 250VAC 5A Form C Relays
Analog Output:	Powered 4-20 mA, 600 Ω drive, isolated
Communications port:	RS-485 with Modbus
Water Pressure:	Integral pressure regulator 1 bar
Flow Rate:	40 – 80 L/s
Operation Temperatures:	0°C – 50°C
Wetted Materials:	PVC, Borosilicate Glass, Reslyn (FFKM)
Sample Temperature Range:	0°C – 40°C (32°F – 104°F)
Power Supply:	90 – 260 VAC, 50/60 Hz
Environmental Conditions:	Not recommended for outdoor use. Altitude up to 2000 meters Up to 95 % RH (non-condensing)
Enclosure Rating:	Designed to meet IP 65
Dimensions:	450 mm X 350 mm X 200 mm
Weight:	5 kg Reagents Shipped Separately
Warranty:	1 Year from date of shipment

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