Online Free Chlorine Analyzer

Aqua2000-FCL

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Transmitter (UCX Controller)

Display	4.3" TFT LCD Touch Screen
Operating Temperature	-20 to 60 °C (-4 to 140°F)
Power & Consumption	100 ~ 240 VAC 50/60 Hz, 4.2W (unconnected)
Sensor Connection	2 sensors
Current Output	Optional 4 ~ 20mA DC* 1 or 3ch
Relay	Optional: 3 Points
Sensor Input	RS485 Modbus
Communication	Optional: RS232C or RS485
Data Download	USB 2.0
Water Proof	IP66
Material	Case: ABS
Dimension	153(w) X 150(h) X 140(d) mm
Weight	1.32 kg
Storage Temperature	-5 to 60°C (-23 to 140°F) Original Package

FCL (Sensor with Flow cell)

Method	US EPA 334 / Reagentless Amperometric
Measurement Range	0 to 20 mg/L
Sample Temperature	0 to 45°C (32 to 113°F)
Flow Rate	0.2 to 1.2 L/min (0.052 to 0.317gal/min) / Optimal: > 0.5 L/min (0.132 gal/min) *maintain stable flow of sample
Pressure	< 0.5 bar
Polarization Time	120 min (Initial Commissioning)
Response Time	< 90 sec
Resolution	0.001 mg/L (1ppb)
Accuracy	±3.0% < pH 7.4, ±5.0% < pH 8.5
Repeatability	±2.0%
Calibration	1 point (sample) or 2 point (zero &sample)
Communication	RS485 Modbus
Material	Body: CPVC, Membrane Cap: CPVC
Storage Temperature	Electrode: -5 to 60°C (-23 to 140°F) Membrane Cap: -10 to 50°C (-14 to 122°F) / Gel Electrolyte: 5 to 50°C (41 to 122°F)
Warranty/Maintenance (recommended)	Electrode: 2 years / Membrane/Electrolyte: < 6 months (clean water) Calibration Interval: < 3 months (clean water)

*Warranty Exclusions: disasters, damage, loss

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