CL-201 Residual Chlorine or total chlorine analyzer

Measurement Principle



CL-201 adopts DPD colorimetric method to measure concentration of residual chloride 、tatal chlotide .The analyzer has high accuracy,high cost performance and low maintenance.Widely used in chloride measurement of drinking water pipe network and chlorination process.

Features

- DPD standard colorimetric method.
- Equipped with a 7-inch touchscreen for display and operation, user-friendly and easy to master.
- Continue running for 30 days without replacing reagent,low operation and maintenance cost.
- Automatic cleaning function to reduce maintenance.
- Features data storage function and supports data export via SD card.
- Reagent allowance alarm function.
- Measurement pattern：Continuous measurement，Periodic measurement（adjustable).
- Supports dual power supply: AC220V or DC24V.
- Supports external trigger measurement.
- Supports relay output for external water pump control.

Applications

- Suitable for chloride measurement of tap water pipeline and chlorination process of tap water,circulating cooling water,sewage and etc.

Technical Specifications

Measurement range	0~10mg/L residual chloride ，0~10mg/L or 0~20mg/L total chloride
Accuracy	Residual chloride:0-5mg/L：±5% of reading or ±0.03mg/L Cl2，whichever is greater;5-10mg/L：±10% Total chloride:0-5mg/L：±5% of reading or ±0.03mg/L Cl2，whichever is greater;5-20mg/L：±10%
Repeatability	±5%
Detection limit	0.03mg/L
Display	7 inch display
Calibration	Use the default calibration curve
Operation conditions	Sample flow rate：200-400mL/min Sample inlet pressure：0.1~5bar Sample temperature：5~40℃
Power supply	220VAC±10% or 24VDC
Output	4-20mA
Communication protocol	MODBUS RS485
Relay	2 sets of relay，concentration alarm can be set
Storage temperature range	-15～60℃
Storage humidity	10-90%,non-condensing
Dimension	350*177*450mm（L*W*H）
Weight	About 16KG
Installation ways	Wall-mounted