

YK-YLG Online Residual Chlorine Analyzer

Summary

The online residual chlorine analyzer is a highly intelligent on-line detector, consisting of two parts: sensors and transmitters. For drinking water, the monitoring of hypochloric acid and residual chlorine concentration in the process of industrial process water disinfection is especially suitable for the detection of residual chlorine in the process of reverse osmosis membrane treatment, and is applicable to the water industry, the residual chlorine in the filling industry, the measurement of chlorine dioxide or dissolved ozone, and also for drinking water and industrial process water disinfection and sterilization. The concentration of residual chlorine is monitored online and used in swimming pools and other places where the concentration of residual chlorine needs to be measured.



Feature

- The menu structure is easy to operate and displays in English.
- Multi parameter display on the same screen;
- Residual chlorine /PH/ temperature detection;
- Digital clock function;
- Correction of readings and correction functions;
- Multiple signal output, alarm function;
- The function of automatic compensation for built-in temperature;
- The installation method is varied and the maintenance is simple.

Parameter

Code	YK-YLG-2058	YK-YLG-2059A
Measure Range	0-20mg/l	0-20mg/l ; 0-100mg/l (Customized)
HOCL	0-10mg/l	/
PH	0-14	/
Temperature Compensation	0-99°C	
Accuracy	±1.0%	
Resolution	0.01mg/l	
Repeatability	±0.01mg/l	
Stableability	±0.01mg/l/24h	
Signal Output	4-20mA (Resistance < 750Ω)	
Communication	RS485 (Optional)	
Alarm Relay	AC220V±22V ; 50Hz±1Hz,24VDC (Optional)	
Protective Degree	IP65	
Shell Material	Aluminum	ABS
Shell Size	146*146*108mm	96*96*118mm
Hole Size	138*138mm	92*92mm
Install	Hanging/In Tray	
Working Condition	Ambient Temperature : 0-60°C ; Related Humidity < 85%	
Application	Sewage treatment; electric power; tap water; Hospital	Waterworks; purified water and industrial pure water; swimming pool disinfection.

Probe



Code	YK-YLG-2058-01(Polarographic principle)
Measure Range	0.005-20mg/l (ppm)
Accuracy	2%±10ppb
Storage Temperature	-20-60°C
Operating Temperature	0-45°C
Resolution	0.01mg/l
HOCL Response Time	90% < 90 Second
Calibration/Interval	Lab Comparision/2 month/time
Maintenance Interval	Change Slick and liquid every 6 months



Code	YK-CL-2059-01
Sensor Material	Glass
Probe	Glass Ball/Pt
Working Pressure	Normal Pressure
Size	12*120