



## CL-2059A Residual Chlorine Analyzer



CL-2059A is advanced industrial residual chlorine analyzer, with high intelligence, sensitivity. It can measure residual chlorine and temperature simultaneously. It is widely used in such industries as thermal power plant, running water, pharmaceutical, drinking water, water purification, industrial pure water, swimming pool disinfection residual chlorine continuous monitoring.

### Main Features

- 1) Highly intelligent: adopts industry leading overall design, Easy operation menu
- 2) High and low alarm: hardware isolation, each can be arbitrarily chosen measurement parameter
- 3) Temperature compensation: automatic temperature compensation
- 4) Multi-screen display: user-friendly display for the different requirements.
- 5) Chlorine calibration: provide chlorine zero and slope calibration, clear menu design.

### Technical Parameters

1. Measuring range: Residual chlorine: 0-20.00mg/L, Resolution: 0.01mg/L;  
Temperature: 0- 99.9 °C, Resolution: 0.1 °C
2. Accuracy: Chlorine: better than  $\pm 1\%$  or  $\pm 0.01\text{mg/L}$ , Temperature:  $\pm 0.5\text{ °C}$  (0 ~ 50.0 °C)
3. Minimum detection: 0.01mg /L
4. Repeatability Chlorine:  $\pm 0.01\text{mg/L}$
5. Stability Chlorine:  $\pm 0.01\text{ (mg/L) / 24h}$
6. Current isolated output: 4 ~ 20 mA (load  $<750\ \Omega$ )
7. High and low alarm: AC220V, 5A, each channel can be selected independently
8. Alarm hysteresis: can be set according to the selected parameters
9. Communication: RS485 (optional)
10. Working environment: Temperature 0 ~ 60 °C, Relative humidity  $<85\%$
11. Installation type: Opening type, panel mounted.
12. Dimensions: 96 (L)  $\times$  96 (W)  $\times$  118 (D) mm; Hole Size: 92x92mm

### Standard configuration:

chlorine analyzer, constant-current chlorine electrode, constant-current groove (3-hole), electrode cable (5m).