



## FCL5500 Residual chlorine / hypochlorite, pH controller



It is suitable for online measurement and control of disinfectant dosing in water industry, swimming pool, water park, secondary water supply and other fields. Disinfection of medical wastewater is not applicable due to complex components

**Introduction:**

- 128 \* 64 dot-matrix LCD display, switchable in Chinese and English, IP65 protection level, all-weather stable operation
- simple menu design, simple and convenient operation, graphical prompt, beautiful and clear interface
- software digital filtering is adjustable, with enhanced hardware resistance to interference, making measurements more stable and adapted to complex industrial environments
- global access power supply 85~260VAC, but also customized DC model 18 to 36 V D C
- RS-485 digital interface, MODBUS-RTU communication protocol, read and write two-way communication, can achieve remote complete control of the instrument
- The residual chlorine and pH two parameters were measured simultaneously, and the compensation was calculated automatically

### CS5530 Free Chlorine Sensor



range	0 - 2.000 mg/L, 0 - 20.00 mg/L
resolving power	0.001 mg/L, 0.01 mg/L
temperature range	0 - 50 °C
pressure	0 - 10 bar

Shell material	Glass+PP
Reference system	Double salt bridge reference system, ring type liquid junction
Electrode cap (PP)	PG13.5
Cable length	5m
Joint	Terminal
size	120mm Φ12.7mm

Residual chlorine	Measuring range	0.00~20.00 mg/L
	Resolution ratio	0.01 mg/L
	Measurement accuracy	±0.10 mg/L
pH value	Measuring range	0.00~14.00 pH
	Resolution ratio	0.01 pH
	Measurement accuracy	±0.01 pH
Temperature	Measuring range	-10.0~130.0 C
	Resolution ratio	0.1 °C
	Certainty of measurement	±0.3 °C
Transfer current	Temperature input	PT1000
	Temp. compensation	Automatic / manual
	Output, type	Two roads of 4~20 mA (the corresponding range can be set)
Control	Current accuracy	±1% F.S
	Switch relay	2 SPST relays
	load capacity	2.5A 230VAC
Data transmission	Functional relay	One (which can be set to the cleaning or alarm function)
	Interface Circuit	All-way RS485 isolation voltage is 2500Vrms
	Protocol	MODBUS - RTU (read-write two-way communication)
Other parameters	Working power supply	85~260VAC or 18~36VDC (optional before order)
	Working temperature	0~60 °C
	Work humidity	Relative humidity was <90%
	Levels of protection	IP65
	Way to install	Wall Mounting
	Outline dimension	(H×W×D)158×188×108 mm
	Weight	0.7 Kg

### A580L Flow cell (optional accessory)

