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Water Analysis Solutions
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FCL5000 Free Chlorine Analyzer with pH Compensation

At different pH values, Chlorine forms different species in water. For a reliable free chlorine measurement, it's necessary to take pH and temperature compensation into account.

- Standard 1/4 DIN casing, easy installation.
- IP65 rated: high luminance LED backlight, applicable to harsh environment.
- Adopt integrated switching power supply module; high protection against electromagnetic interference.
- Menu-driven program that simplifies set-up.
- Instant browsing all the settings in measurement mode, easy to master your working state
- Scaleable isolated 0/4-20mA Outputs
- Two relay circuits, users can select high-low control freely. Separately adjustable high and low set-point hysteresis(dead bands) prevent chattering of relays around the set points.
- Third relay Cleaning/Alarm function; users sets the cleaning frequency and time
- Temperature value offset adjustment.
- Optional nanoampere electrode (80mA, 400mA)
- RS-485 output

pH	Range	2.00～12.00pH
	Resolution	0.01pH
	Accuracy	±0.01pH
Free Chlorine	Range	0～2.000mg/L or 0~20.00mg/L
	pH compensation	2.00~9.00pH
/ Hypochlorous Acid	Resolution	0.001mg/L or 0.01mg/L
Temperature	Accuracy	1%±1LSD
	Range	-10.0-110.0 ℃
	Resolution	0.1 ℃
	Accuracy	±0.3 ℃
	Temperature Sensor	NTC22K / PT1000
Signal Output	Temp. Compensation	Automatic -5.0 - +100 ℃
	Signal Output	4-20 mA (Adjustable)
	Current Accuracy	1% F.S.
Data interface	Load	< 500 Ω
Relay Ouput	RS485	Yes
	On/Off	2 SPST Relays
	Output	2.5A 230 VAC
Others	Cleaning/Alarm Relays	1X 2.5A
	Power	85~260 VAC or 24 VDC
	Working Temperature	0~60 ℃
	Humidity	< 90%
	IP Rated	IP65
	Installation	Panel Mounting
	Dimensions	(H×W×D) 108×108×158 mm
	Panel Cut Size	94.5×94.5 mm
	Weight	0.6 kg

CS5530
Process Free Chlorine Sensor

Principle	Potentiostatic
Range	0 - 2.000 mg/L, 0 - 20.00 mg/L
Resolution	0.001 mg/L, 0.01 mg/L
Temperature range	0 - 70 ℃
Pressure	0 -6 bar
Optimum Flow Rate	25-100 L/h
Shell material	Glass+PP
Thread Cap	PG13.5
Electrode dimensions	12x120mm
Cable length	5m
Connector	Terminals
IP rated	IP68

A580L Flow cell (optional accessory)