

Online Free Chlorine Analyzer

with CCF1.0 Sensor for Drinking Water



This free chlorine analyzer consists of an instrument with LCD display and a German Reiss-powered free chlorine sensor CCF1.0, which redefines water quality monitoring with three-electrode constant amperometry. It eliminates electrolytes and membrane caps for zero maintenance, cutting 90% of labor/time costs, and also has special features of easy handling, signal stability in chlorine-free operation, fast response time, short run-in time, 8-bar pressure resistance, strong tolerates surfactants..

Application

Swimming pool water: Public/private pools, water parks;

Drinking water: Municipal water treatment plants, secondary water supply stations, and centralized water systems (hotels, schools, enterprises).

Technical Parameters

Specification	Detailed information
Measurement Parameters	Free chlorine, pH dependent
Measuring Ranges	0.05 ~ 10.00mg/
Resolution	0.01mg/L
Response time	T90≈20 seconds
Measuring water temperature	0... + 45 °C (no ice crystals in the measuring water)
Ambient temperature	0... + 55 °C
Temperature compensation	Automatically, through integrated temperature sensor Temperature jumps are to be avoided
Max. allowed working pressure - Operation without retaining ring	- 0.5 bar
	- no pressure surges and/or vibrations

Operation with retaining ring	- 8 bar
in TARAflow FLC	- no pressure surges and/or vibrations (see option 1)
Flow rate(face velocity)	approx. 15 - 100 l/h (15 - 100 cm/s) in TARAflow FLC, low flow is present
pH - range	pH 6 – pH 9, observe dissociation curve HOCL
Conductivity	0.2 to 10 mS/cm
Run - in time	approx. 15 min.
Response time	T90: approx. 20 sec.
Zero point adjustment	Not necessary
Protection class	IP68
Material	PVC - U
Measuring range	0.05...10.00 ppm
Resolution	0.01 ppm

Dimension

Simulated Electrode M12 Aviation Connector	Digital Electrode M12 Aviation Connector