



PRODUCT
DATASHEET '24

ADVANCE ANALYTIK

REVOLUTIONIZING ONLINE MONITORING SOLUTIONS



VizSens-RCL

Residual Chlorine/Chlorine Dioxide sensor

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VizSens-RCL

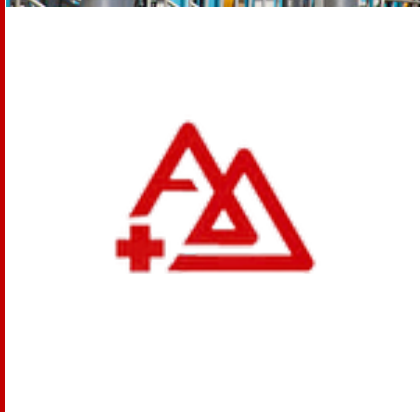
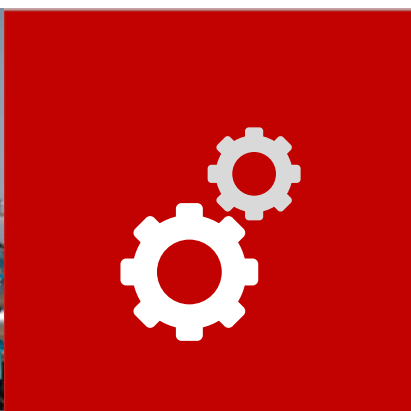
Residual Chlorine/Chlorine Dioxide sensor

The VizSens-RCL is an advanced residual chlorine/chlorine dioxide sensor that employs a constant voltage principle to measure these components in water. The instrument utilizes stable electric potential and current signals to calculate concentrations, offering a simple structure, easy maintenance, and exceptional accuracy. It operates without oxygen consumption, eliminating flow rate and stirring requirements. Factory calibration ensures long-term stability and reliability.



Product Features

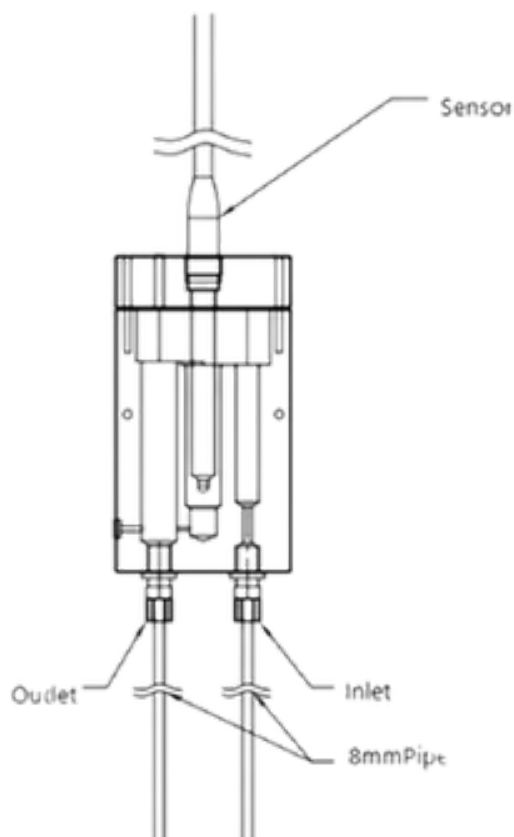
- Does not cause oxygen consumption during measurement, eliminating flow rate and stirring needs.
- Factory calibration, requiring.
- Calibration only once a year, with the option for field calibration.



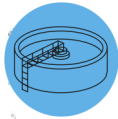
VizSens-RCL

Technical Specifications

Basic Information	
Principle	Constant voltage method
Measurement Ranges	
Chlorine Measurement Range	0-2mg/L, 0-20 mg/L (optional)
pH Measurement Range	5-8 pH
Accuracy and Precision	
Measurement Accuracy	±3% or ±0.3 mg/L, whichever is greater
Temperature Compensation	Manual or automatic
Repeatability	±0.3 mg/L
Operating Conditions	
Pressure Range	≤ 0.3 Mpa
Calibration	2-Point Calibration
Flow Rate	30-60 L/h
Main Material	316L Stainless steel shell
Physical Specifications	
Dimensions	Diameter 13.5mm * Length 178.5mm
Weight	1.4 KG
Protective Rate	IP68/NEMA6P
Cable Length	Standard: 10m, maximum can be extended to 100m



APPLICATIONS



Water Treatment Plants

For monitoring water quality in treatment processes and ensuring compliance with regulatory standards.



Swimming Pools and Spas

Ensures proper chlorination levels for safe and hygienic water quality in recreational facilities.



Food and Beverage Industry

Monitors chlorine and chlorine dioxide levels in water used for food and beverage production, ensuring compliance with safety and quality standards.



Industrial Processes

Controls and maintains residual chlorine and chlorine dioxide concentrations in industrial processes, preventing microbial growth and maintaining product integrity.



Research and Development

Ensures consistent product quality by monitoring turbidity in various industrial processes requiring precise control.



Research and Development

Supports studies related to water quality and contamination by providing reliable data on residual chlorine and chlorine dioxide levels in natural water bodies.



Note -

This data sheet serves as general information about the VizSens-RCL. For specific technical details, installation guidelines, and troubleshooting assistance, please refer to the official user manual provided with the product.

For inquiries and detailed technical information, please contact sales@advanceanalytik.com.



LET'S CONNECT !

Let's work together to find a solution that works for you



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