

SH-ISECI200 Chloride digital probe

● Overview

The SH-ISECI200 Chloride digital probe includes pH measurement and temperature compensation function; it adopts RS485 interface and standard Modbus protocol, which has the advantages of in-situ measurement, no reagent, no pre-treatment and low maintenance.

● Product features

- Fast response time, real-time detection of chloride ions in water bodies
- Additional pH measurement
- Corrosion-resistant housing, waterproof grade IP68, can work underwater for a long time
- RS485 communication interface, standard Modbus protocol for easy integration.



● Technical parameters

Working Principle	Ion Selective Electrode method		
Measured parameter	Chloride ion	pH	Temp
Measurement range	(3-30.000) mg/L	0~14	(0~50) °C
Repeatability	≤2 %	<0.1 pH	≤0.3 °C
Accuracy	±10% or ±0.5 mg/L	<0.1 pH	<0.3 °C
Zero drift (24h)	±1% F.S.		
Range drift (24h)	±3% F.S.		
Detection limit	3 mg/L		
Resolution	0.01 mg/L		
Protection class	IP68		
Comm. interface	RS485, standard Modbus protocol Baud rate 9600		
Dimensions	(φ50*251) mm, cable 10 m (customizable)		
Material	316 Stainless-steel		
Weight	2 kg		
Operating voltage	9~36 Vdc		
Power absorption	0.5 W		
Calibration period	1~3 months (depending on site water quality environment)		
Operating temp.	(0~50) °C		

● Product Applications

- Environmental surface water, municipal sewage, industrial wastewater