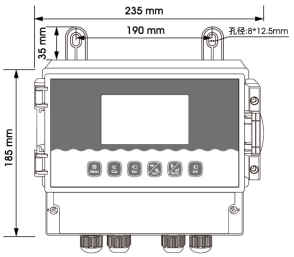
Online Residual Chlorine Meter T6550

Function

Online residual chlorine meter is a microprocessor-based water quality online monitoring control instrument.

Typical Use

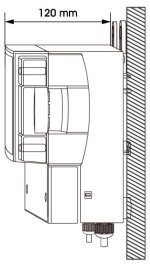
This instrument is widely used in online monitoring of water supply, tap water, rural drinking water, circulating water, washing film water, disinfectant water, pool water. and other industrial processes. It continuous monitoring and control residual chlorine and temperature value in aqueous solution.



Mains Supply

85~265VAC±10%,50±1H, power ≤3W;

9~36VDC, power consumption≤3W;



Measuring Range

Residual Chlorine: 0~20ppm; 0~20mg/L;
Temperature: 0~150℃.

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Features

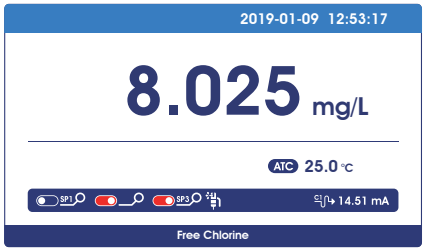
1. Large display, standard 485 communication, with online and offline alarm, 235*185*120mm meter size, 7.0 inch large screen display.

2. The data curve recording function is installed, the machine replaces the manual meter reading, and the query range is arbitrarily specified, so that the data is no longer lost.

3. Historical curve: The residual chlorine measurement data can be stored automatically every 5 minutes, and the residual chlorine value can be stored continuously for a month. Provide "history curve" display and "fixed point" query function on the same screen.

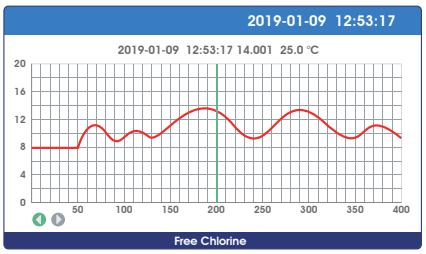
4. Built-in various measurement functions, one machine with multiple functions, meeting the requirements of various measurement standards.

5. The design of the whole machine is waterproof and dustproof, and the back cover of the connection terminal is added to extend the service life in harsh environments.

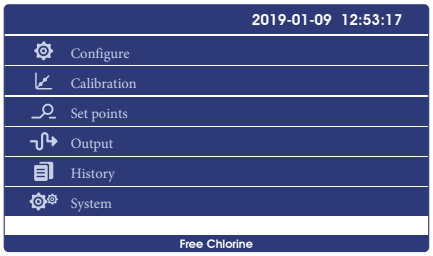


Measurement Mode

Calibration Mode



Trend Chart Display

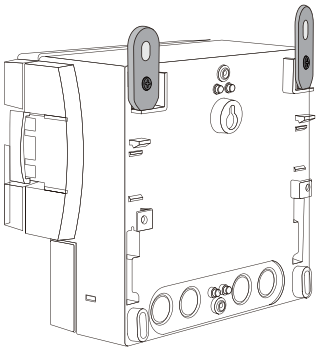


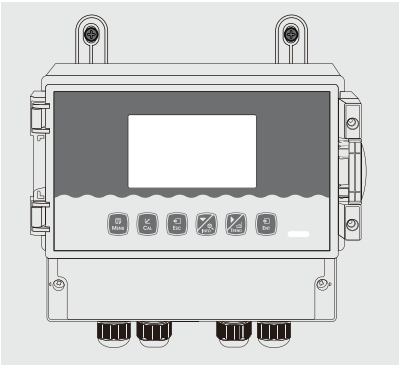
Setting mode

Electrical connections

Electrical connection The connection between the instrument and the sensor: the power supply, output signal, relay alarm contact and the connection between the sensor and the instrument are all inside the instrument. The length of the lead wire for the fixed electrode is usually 5-10 meters, and the corresponding label or color on the sensor Insert the wire into the corresponding terminal inside the instrument and tighten it.

Instrument installation method





Technical specifications

Measurement range	0.005～20.00mg/L ; 0.005～20.00ppm
Measurement unit	Potentiometric method
Resolution	0.001mg/L ; 0.001ppm
Basic error	±1%F.S
Temperature	-10～150.0°C(Based on sensor)
Temperature Resolution	0.1°C
Temperature Basic error	±0.3°C
Current output	2 groups: 4～20mA
Signal output	RS485 Modbus RTU
Other functions	Data record &Curve display
Three relay control contacts	3 groups:5A 250VAC,5A 30VDC
Optional power supply	85~265VAC,9~36VDC,power consumption≤3W
Working conditions	No strong magnetic field interference around except the geomagnetic field.
Working temperature	-10～60°C
Relative humidity	≤90%
Waterproof rating	IP65
Weight	1.5kg
Dimensions	235×185×120mm
Installation methods	Wall mounted

BROCHURE

CS5530 Residual Chlorine Sensor

Model No.	**CS5530**
Measurement method	Potentiostatic
Measure material	Double liquid junction,annular liquid junction
Housing material/Dimensions	PP, Glass, 120mm*Φ12.7mm
Waterproof grade	IP68
Measurement range	0 - 5.000 mg/L, 0 - 20.00 mg/L
Accuracy	±0.05mg/L;
Pressure resistance	≤0.3Mpa
Temperature compensation	None or Customize NTC10K
Temperature range	0-50℃
Calibration	Sample calibration
Connection methods	4 core cable
Cable length	Standard 5m cable, can be extended to 100m
Installation thread	PG13.5
Application	Tap water, disinfectant fluid, etc.