

Dual channel online Residual Chlorine/Turbidity Analyser

Flumsys 10TC-FT

Parameters

Residual chlorine: 0-2.000/0-20.00mg/L

Turbidity: 0.0001-100NTU

Applications



drinking water



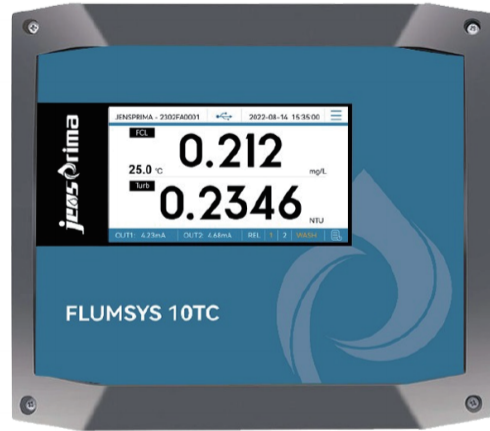
secondary networks



process water



swimming pools



InnoSens 710 Residual Chlorine Sensor

● The innoSens 710 electrode is based on the principle of dual platinum constant voltage measurement, where the measuring and reference electrodes maintain a stable potential at which different current strengths are generated for different measured constituents. During the measurement process, Cl₂ or HClO is consumed, so the current intensity generated is related to the concentration of residual chlorine in the water. It does not require any colourimetric reagents, no need to replace diaphragms and electrolytes, easy to install and low maintenance.

Product Model: innoSens 710

Measuring range: 0-2.000/0-20.00ppm(mg/L)

Resolution: 0.001/0.01ppm

Accuracy: ±2f.s.

Temperature compensation: PT1000(optional)

pH compensation: automatic pH compensation

Working temperature: 0-60°C

Suggested flow rate: 10-30l/h

Electrode material: glass

Thread connection: PG13.5

Cable length: standard 3m, optional 10m

Size: φ12mm × 120mm



InnoSens 850T Low Range Turbidity Sensor

● innoSens 850T low range turbidity sensor can measure ultra-low range turbidity, with internal defoaming structure and anti-condensation function, to ensure stable and high-precision measurement. With LED light source, no need to replace within ten years, widely used in tap water outlets, engineering drainage outlets and other types of clean water turbidity online monitoring.

Product Model: innoSens 850T

Measuring principle: 90° scattered light

Measuring range: 0.0001-100NTU

Resolution: 0.0001/0.001NTU

Accuracy: ±2% of reading or ±0.02NTU, whichever is greater

Light source: LED

Response time: <30s

Inlet flow rate: 100-200ml/min

Working temperature: 0-50°C

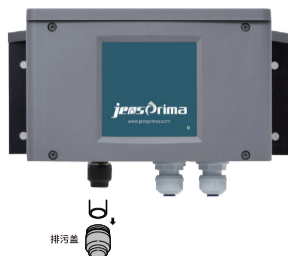
Protection grade: IP65

Installation: wall mounted

Size: 160x260x150mm

Weight: ca.2Kg

www.jensprima.com



The Flumsys 10TC dual channel controllers are designed for the measurement of a range of water quality parameters relevant to the water treatment industry and can measure both residual chlorine and turbidity simultaneously. The 4.3" colour LCD display is touch operated and very easy to set up. The controllers feature data storage and support USB stick data export. Three programmable relays and two 4-20mA outputs are provided for control of auxiliary equipment and Modbus RTU (RS485) communication is standard.

Controller

Display:	4.3" colour LCD touch screen display
Language:	Chinese/English
Password:	setting mode:0022, Calibration mode:0011
Power supply:	110-240VAC,50/60Hz.
Current output 1:	isolated 4-20mA output, settable measurement value, max load 500Ω
Current output 2:	isolated 4-20mA output, settable measurement value, max. load 500Ω
Digital communication:	RS485 Modbus RTU
Alarm output:	2 sets of programmable Hi/Lo contacts with hysteresis setting, 5A/250VAC/30VDC
Purging relay:	cleaning interval:0.1-1000h, cleaning time:1-1000s
Operating temperature:	0~70.0°C
Storage temperature:	-20~70.0°C
Protection level:	IP65
Mounting:	wall mounted
Dimensions:	200×180×90mm
Weight:	ca. 1Kg

Order Guide

Order No.	Description
32-1087-50	Flumsys 10TC-FT Dual Channel ResidualChlorineTurbidity/ Analyser, 220VAC
32-1087-54	Flumsys 10TC-FT Dual Channel ResidualChlorineTurbidity/ Analyser, 24VDC
35-0850-00	innoSens 850T Low Range Turbidity Sensor, Cable 5m
35-0710-00	innoSens 710 Chlorine residual Sensor, cable 3m
50-0711-00	PA-711 Flow cell, Acrylic material