

Dual channel online Residual Chlorine/pH Analyser

Flumsys 10TC-FP

Parameters

Residual chlorine: 0-2.000/0-20.00mg/L
pH: 0-14pH

Applications



drinking water



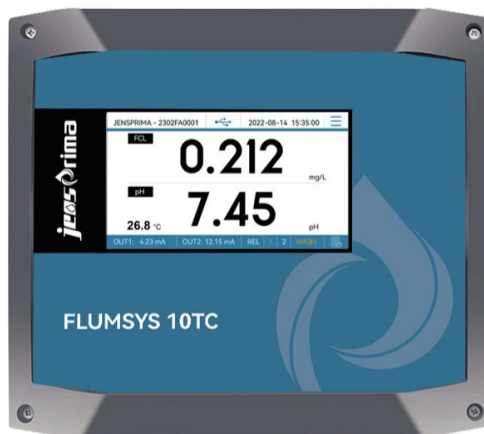
secondary networks



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: automatic compensation

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 125T pH/T Sensor

● innoSens 125T electrodes are composite electrodes (measurement + reference), gel-filled and PTFE diaphragm, and their low-maintenance and high-precision features make them suitable for a wide range of water quality applications. The low maintenance and high accuracy features allow them to be used in a wide range of water quality applications.

Product Model: innoSens 125T

Measuring range: 0-14pH

Operating Temperature: -5-100°C

Temperature type: PT1000

Maximum working pressure: 6bar

Electrode Material: Glass

Electrolyte: Polymer

Diaphragm: PTFE diaphragm

Diameter/Length: 12mm/120mm

Threaded connection: PG13.5

Cable length: 5m as standard

Application: Recommended for water with conductivity >150µS/cm.



Designed to measure a range of water quality parameters relevant to the water treatment industry, the Flumsys 10TC Dual Channel Controller can measure residual chlorine and pH simultaneously with automatic pH and temperature compensation. The 4.3" colour LCD display is touch operated and very easy to set up. This series of controllers have data storage function and support USB stick data export. Three programmable relays and two 4-20mA outputs are provided for control of auxiliary equipment, 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
32-1071-10	Flumsys 10TC-FP Dual Channel Residual Chlorine/pH Analyser, 220VAC
32-1071-14	Flumsys 10TC-FP Dual Channel Residual Chlorine/pH Analyser, 24VDC
35-0710-00	innoSens 710 Chlorine residual Sensor, cable 3m
35-0125-10	innoSens 125T PH/T Sensor, cable 5m
50-0711-00	PA-711 Flow cell, Acrylic material