Online Residual Chlorine Analyzer (membrane-covered method)

Flumsys 10TC-F2

The Flumsys 10TC Single Channel Digital Controller is designed to measure a range of water quality parameters relevant to the water treatment industry and can be customised to measure a single parameter, supporting JENSPRIMA sensors only. The 4.3" colour LCD display is touch operated and very easy to set up. This series controller has data storage function, support USB Disk data export. Provides three programmable relays and two 4-20mA outputs for controlling auxiliary equipment, RS485 Modbus RTU communication is standard.



Measurement parameters

Residual chlorine: 0-20.00mg/L, 0-200.00mg/L

Feature

- Single channel measurement, need to select the corresponding sensor
- Wide power input, touch screen design
- $\, \bullet \,$ 4.3" colour touch screen displays measured value, temperature and relay status
- Chinese/English menu, easy to operate
- Password protection to prevent unauthorised operation
- New calibration step-by-step prompts can help reduce operating errors
- 2x programmable Hi/Lo relay outputs
- Programmable auto-purge relay outputs
- 2x isolated 4-20mA outputs
- RS485 Modbus RTU communication
- Data storage function, support for USB stick data export

innoSens 730 Residual Chlorine Electrode

 The innoSens 730 residual chlorine electrode is based on a three-electrode system with a special membrane structure that enhances mechanical stress and resistance to chemicals, is pH independent, and is particularly suitable for surfactant-containing environments such as wastewater, process water, medical wastewater, etc., and for measuring seawater as well.

Measuring parameter: Residual chlorine

Measuring range: 0-20.00mg/L, 0-200.00mg/L

 Resolution:
 0.001/0.01mg/L

 pH range:
 4.0-9.0

 Working temperature:
 0-45°C

 Pressure:
 Max.3bar

 Flow rate:
 250~500ml/min

Response time: Initial polarisation time about 2 hours



Order No.	Description
35-0730-01	innoSens 730-R1, 0-20.00mg/L
35-0730-02	innoSens 730-R2, 0-200.00mg/L
50-0700-30	PA-730 flow cell, acrylic material

Technical parameters

Display: 4.3" colour LCD touch screen display

Language: Chinese/English

Password: Setup mode: 0022, Calibration mode: 0011
Power supply: 110-240VAC, 50/60Hz; 24VDC Optional

Current output 1: Isolated 4-20mA output, measurable value can be

set, maximum load 500Ω .

Current output 2: Isolated 4-20mA output, measurable value can be

set, maximum load 500Ω .

Digital communication: RS485 Modbus RTU

Alarm output: 2 sets of programmable Hi/Lo contacts with

hysteresis setting 5A/250VAC/30VDC

Cleaning relay: Cleaning interval:0.1–1000h, Cleaning time:1–1000S

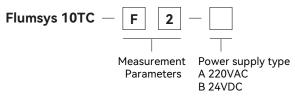
Working temperature: 0-70.0°C Storage temperature: -20-70.0°C

Protection class: IP65
Installation: Wall mounting
Size: 200×180×90mm

Weight: ca.1kg

Order Guide

Order No.



For example, if you select residual chlorine electrode, 220VAC, the model number is Flumsys 10TC-F2-A.