

# Dual channel online Conductivity/pH Analyser Flumsys 10TC-CP

## Parameters

Conductivity: 0-20.00/0-200.0/0-2000µS/cmS/cm  
pH: 0-14pH

## Applications



drinking  
water



boiler  
water



process  
water



swimming  
pools

## InnoSens 320 Conductivity Electrode

• The innoSens 320 conductivity electrode is characterised by durability, reliability and high performance for a wide range of conductivity monitoring applications.

**Measuring range:** 0-20.00µS/cm  
0-200.0µS/cm  
0-2000µS/cm

**Temperature probe:** PT1000

**Operating temperature:** 0-100°C

**Maximum pressure:** 6bar

**Installation:** Pipe mounting

Flow-through mounting

**Threaded connection:** 3/4 "NPT

**Cable length:** 5m as standard



## 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

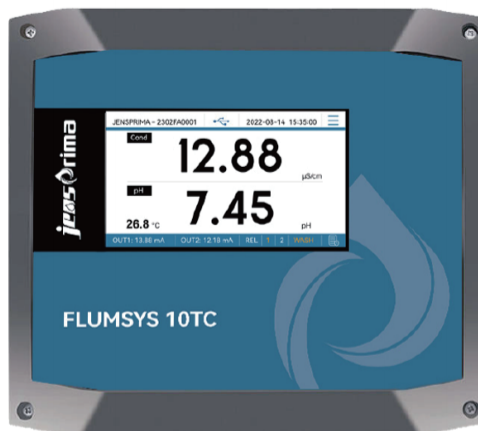
**Diaphragm:** PTFE diaphragm

**Diameter/Length:** 12mm/120mm

**Threaded connection:** PG13.5

**Cable length:** 5m as standard

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



The Flumsys 10TC dual channel controllers are designed to measure a range of water quality parameters relevant to the water treatment industry and can measure conductivity and pH simultaneously with automatic temperature compensation. The 4.3" colour LCD display is touch operated and very easy to set up. This series of controllers has a data storage function and supports U-disk data export. Provides three programmable relays and two 4-20mA outputs for controlling auxiliary equipment, Modbus RTU (RS485) communication is standard.

## Controller

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

## Order Guide

Order No.	Description
32-1031-10	Flumsys 10TC-CP Dual channel conductivity/pH analyser, 220VAC
32-1031-14	Flumsys 10TC-CP Dual channel conductivity/pH analyser, 24VDC
35-0320-00	innoSens 320 Conductivity Sensor, Cable 10m
35-0125-10	innoSens 125T PH/T Sensor, cable 5m