

Touchscreen Controller

innoCon 6800

The innoCon 6800 series of single channel controllers are designed for the measurement of a single water quality parameter relevant to the water treatment industry. with a 4.3" colour LCD display and touch operation, setup is very simple. The series 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, and Modbus RTU (RS485) communication is standard.



Measurement parameters

Measured parameters, Dissolved oxygen, MLSS, turbidity, ozone, trace oxygen

Applications

Wastewater, boiler water, drinking water, process water, untreated water

Features

- Wide power input, touch screen design
- Large backlit LCD display of measured value, temperature and relay status
- Chinese/English menu, easy to operate
- Password protection to prevent unauthorised operation
- New calibration step-by-step instructions to help minimise operating errors
- 2 x programmable Hi/Lo relay outputs
- Programmable auto-purge relay outputs
- 2 x Isolated 4-20mA outputs
- RS485 Modbus RTU communication
- Data storage function, support for USB stick export

Technical parameter

Item No.:	innoCon 6800D	innoCon 6800S	innoCon 6800T-1	innoCon 6800T-5	innoCon 6800TO	innoCon 6800OZ
Measurement:	Dissolved oxygen	MLSS	High-range Turbidity	Low-range Turbidity	Trace oxygen	Ozone
Measurement	0.00-20.00ppm	0.0-30.0g/L	0-1000NTU	0.0001-100NTU(FTU)	0-2000ppb(µg/L)	0.005-20.00ppm
Range:	0-200%		0-4000NTU			
Resolution:	0.01ppm	0.1g/L	0.1NTU,0.1mg/L	0.0001/0.001NTU(FTU)	0.1ppb	
Accuracy:	±0.1ppm or ±1%	±3%f.s.	±2%f.s.	±0.02NTU,take largest	±0.5ppb/2%take largest	
Display:	4.3 inch 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, 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, 5 A/250VAC/30VDC					
Cleaning relay:	Cleaning interval: 0.1-1000h, cleaning time: 1-1000s					
Temperature:	Working temperature: 0~70.0°C,Storage temperature: -20~70.0°C					
Protection class:	IP65					
Installation:	Ca.1Kg					
Dimension:	200 × 180 × 90mm					
Weight:	Ca.1Kg					

Order No.	33-6800-10	33-6800-20	33-6800-31	33-6800-35	33-6800-70	33-6800-60
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Dual-Channel Controller

Flumsys 10TC

The Flumsys 10TC Dual Channel Controller is designed to measure a range of water quality parameters relevant to the water treatment industry and can be customised to provide the customer with the freedom to choose two measurement parameters to customise the dual channel to support 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 U disk data export. Provides three programmable relays and two 4-20mA outputs for controlling auxiliary equipment, Modbus RTU (RS485) communication is standard.



Measurement parameters

Residual chlorine/turbidity, Residual chlorine/pH, Conductivity/pH (two parameters can be customised)

Applications

Municipal wastewater, industrial wastewater, drinking water, process water

Features

- Simultaneous measurement of two parameters, wide power input, touch screen design
- 4.3-inch 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 instructions to help reduce operating errors
- 2 x programmable Hi/Lo relay outputs
- Programmable auto-purge relay outputs
- 2 x Isolated 4-20mA outputs
- RS485 Modbus RTU communication
- Data storage function, support for USB stick export

Technical parameter

Item No.:	Flumsys 10TC-FT	Flumsys 10TC-FP	Flumsys 10TC-CP
Measurement:	Residual chlorine/turbidity	Residual chlorine/pH	Conductivity/pH
Measurement	0-2.000/0-20.00mg/L	0-2.000/0-20.00mg/L	0-20.00µS/cm、0-200.0µS/cm
Range:	0.0001-100NTU	0-14pH	0-2000µS/cm、0-14pH
Resolution:			
Accuracy:			
Display:	4.3 inch 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, 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, 5 A/250VAC/30VDC		
Cleaning relay:	Cleaning interval: 0.1-1000h, cleaning time: 1-1000s		
Temperature:	Working temperature: 0~70.0°C,Storage temperature: -20~70.0°C		
Protection class:	IP65		
Installation:	Ca.1Kg		
Dimension:	200 × 180 × 90mm		
Weight:	Ca.1Kg		

Order No.	32-2310-78	33-2310-71	32-2310-31
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