

# 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 Range:	0.00-20.00ppm	0.0-30.0g/L	0-1000NTU	0.0001-100NTU(FTU)	0-2000ppb(µg/L)	0.005-20.00ppm
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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