

# T9062 Multi-parameter Online Water Quality Monitor



## Typical Applications

For online monitoring of water supply effluent, pipeline water quality in residential areas, and industrial processes.

## Features and Advantages

Establish a water quality information database for effluent and pipeline systems

Multi-parameter online monitoring, including: pH, ORP, conductivity (TDS), salinity, residual chlorine/chlorine dioxide/dissolved ozone, turbidity, COD, color, hardness, ammonia nitrogen, dissolved oxygen, temperature, etc.

The installation is convenient, with the system featuring only one sample inlet, one waste liquid outlet, and one power supply cable.

Parameter configuration (select sensors with different ranges based on water quality):

order	factor	measuring range	certainty of measurement
1	pH	0.01 ~ 14.00pH	±0.05pH
2	ORP	-1000 ~ + 1000mV	±3mV
3	conductivity	0.01 ~ 200.0 ~ 2000μs/cm	±1%F.S
4	TDS	0.01 ~ 2000mg/L	±1%F.S
5	turbidity	0.01 ~ 20.00NTU ~ 400.0NTU	±1%F.S
6	residual chlorine	0.01 ~ 5.00mg/L ~ 20.00mg/L	±1%F.S
7	chlorine dioxide	0.01 ~ 5.00mg/L ~ 20.00mg/L	±1%F.S
8	Total chlorine	0.01 ~ 5.00mg/L ~ 20.00mg/L	±1%F.S
9	ozone	0.01 ~ 5.00mg/L ~ 20.00mg/L	±1%F.S
10	hardness	0.01 ~ 1000mg/L	±5%
11	COD	0.1 ~ 500.0mg/L	±5%
12	tone	0.1 to 500.0 degrees	±5%
13	ammonia nitrogen	0.01 ~ 100.0mg/L	±5%
14	fluorinion	0.01 ~ 100.0mg/L	±5%
15	chloridion	0.01 ~ 1000mg/L	±5%
16	potassium ion	0.01 ~ 1000mg/L	±5%
17	dissolved oxygen	0.01 ~ 20.00mg/L	±1%F.S
18	Temp	0.1 ~ 60.0°C	±0.3°C
19	signal output	1 RS485 MODBUS RTU port; multiple 4-20mA ports (depending on measurement parameters)	
20	Control output	3-way relay, alarm setting	
21	history	have	

22	Historical curve	have
23	GPRS remote transmission	Yes, optional
24	way to install	vertical
25	Water-like connection	Quick-connect or standard G1/2; exhaust port, quick-connect or standard G1/2; or custom
26	Water-like temperature	5 ~ 40°C
27	Water-like flow velocity	200 ~ 600mL/min
28	levels of protection	IP54 or custom IP65
29	Power Supply Voltage	100 ~ 240VAC or 24VDC
30	Instrument power	About 20W
31	instruments weight	Approximately 45KG
32	outline dimension	Height 1470 mm * Width 500 mm * Depth 400 mm