

# T9066 Multi-parameter Online Water Quality Monitor



## Typical Applications

For online monitoring of water supply effluent quality, pipeline water quality, secondary water supply conditions in residential communities.

## Features and Advantages

Establish a water quality information database for effluent and pipeline systems

Online monitoring of multiple parameters, including: pH, conductivity/TDS, residual chlorine/chlorine dioxide/dissolved ozone, turbidity, and temperature.

The installation is convenient, with the system featuring one water inlet, one drainage 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	Temp	0.1 ~ 60.0°C	±0.3°C
11	signal output	1 RS485 MODBUS RTU port; multiple 4-20mA ports (depending on measurement parameters)	
12	Control output	3-way relay, alarm setting	
13	history	have	
14	Historical curve	have	
15	GPRS remote transmission	Yes, optional	
16	way to install	vertical	
17	Water-like connection	The inlet and outlet ports are equipped with 3-way quick connectors.	
18	Water-like temperature	5 ~ 40°C	
19	Water-like	200 ~ 600mL/min	

	flow velocity	
20	levels of protection	IP54 or custom IP65
21	Power Supply Voltage	100 ~ 240VAC or 24VDC
22	Instrument power	About 20W
23	instruments weight	Approximately 45 kg
24	outline dimension	Height 1470 mm * Width 500 mm * Depth 400 mm