

## Multi-Parameter Online Water Quality Analyzer

### Summary

The YK-DCSG-2099 multi parameter water quality on-line analysis system integrated platform can directly integrate various water quality on-line analysis parameters into a whole machine, and focus on the large (7 or 10 inch) touch panel display. The system integrates water quality online analysis, data remote Cheng Chuansong, database and analysis software. The sensor timing agent maintenance, system timing automatic scaling function, flexible configuration combination, the sample and analysis part of the cabinet combined the water quality turbidity, residual chlorine, pH, conductivity, dissolved oxygen, temperature, ORP, SS, TDS and other conventional parameters, and can also be expanded to 6, 8, 10 due to the actual needs of the customers. 12 or more parameters; the waterway part uses the company's application research results - the series circulation analysis device, which requires little water and real time. A small water sample flows through a variety of sensors according to different technical characteristics and response order, and the water sample is captured in real time through the circulation device. It can also carry out the continuous expansion of the external large unit; the selection of remote data transmission with a variety of routing options can be used in the company's large data server by using platform analysis software for remote data processing such as centralized inspection, situation analysis and so on. It can also build software for customers to build their own databases and servers. Hair; internal default LED lighting system, when the need for maintenance and inspection, as long as the door opens the lighting automatically opens.



### Feature

- The combination of parameter customization can flexibly assemble, select and customize the corresponding monitoring parameters according to the needs of customers.
- Through the flexible configuration of intelligent instrument platform software and combined parameter analysis module, the intelligent on-line monitoring application can be realized.
- The integrated drainage system and serial flow device are used to analyze various real-time data with very few water samples.
- It has automatic on-line sensor and pipeline maintenance, rarely needs manual maintenance, creates a good operating environment for parameter measurement, integrated and simplification of complex field problems, and eliminates the uncertain factors of the application process.
- The internal pressure relief device and the constant velocity patented technology are not affected by the pressure changes of the pipeline, ensuring the constant flow rate and stable analysis data.
- A variety of optional remote data links, rentable, remotely built databases.



Parameter

CODE	YK-DCSG-2099	
Measure Range	Residual Chlorine	( 0.01-2.00 ) mg/L ( 0.01-20.00 ) mg/L ( ppm )
	Turbidity	( 0-100 ) NTU
	pH	2.00-12.00
	Conductivity	( 0-20 ) mS/cm
	Dissolved Oxygen	( 0.01-20.00 ) mg/L
	Temperature	( 0.0-99.9 ) °C(Sensor : NTC10K )
Resolution	Residual Chlorine	0.01mg/L
	Turbidity	<10NTU / 0.0001NTU
		>10NTU / 0.001NTU
	pH	0.01
	Conductivity	0.01μS/cm
	Dissolved Oxygen	0.01mg/L
Accuracy	Temperature	0.1°C
	pH	0.01pH
	Conductivity	±1.0%
	Dissolved Oxygen	0.3mg/L
	Temperature	±0.5°C
	Residual Chlorine	<±10%FS
	Turbidity	<40NTU / ±2.5% FS
		>40NTU / ±5% FS
Communication	RS485	MODBUS RTU Protocol
Power Supply	AC 220V±10%	
Working Condition	Temperature : ( 0-50 ) °C ; Related Humidity : ≤85% RH ( No Condence )	
Storage Condition	Temperature : ( 0-60 ) °C ; Related Humidity : ≤85%RH ( No Condence )	
Cabient Size	1500mm×550mm×450mm ( H*W*L )	
Application	Multi parameter analysis of water quality in environmental protection, agriculture, manufacturing, education, scientific research and comprehensive service industries.	