

## COD-2008Z TOC COD BOD on line analyzer specification

Chemical oxygen demand (CODCr) has been widely used as indicators of the characterization of organic pollutant content. TOC is carbon content represents a comprehensive indicator of the total amount of organic matter in water. Our TOC indicators in sewage discharge control and the TOC online instrument more thorough oxidation of water samples, easy operation and maintenance, and no secondary pollution, to meet the actual need for continuous online monitoring. Typically, in the case of stable organic components in water samples, the TOC and COD, BOD certain relationship. Determine the correlation coefficient of TOC in water converted into COD, BOD. COD-2008Z multi-parameter (COD / BOD / TOC) water quality automatic analyzer based on the above circumstances, the analysis method is used in the wet oxidation plus acid stripping TIC (total inorganic carbon), mainly by wet oxidation circuit and carbon dioxide gas detector. The instrument is simple in structure, easy to connect, easy to maintain, easy upgrading. Can be widely used in the pulp and paper effluent, chemical production, petrochemical industry, municipal drinking water, municipal or industrial wastewater final effluents occasions.



### Technical parameters

- measuring range (adjustable according to the models and requirements)

COD: 0 ~ 50 ~ 10000mg / l

BOD: 0 ~ 20 ~ 4000mg / l

TOC: 0 ~ 20 ~ 4000mg.c / l

- Reproducibility:  $\pm 2\% \sim 5\%$

- Response time: 15 minutes

- Water samples provisions:

Solid particles not greater than 100 $\mu$ m

Can not be reacted with phosphoric acid to produce precipitation. If there is precipitation, required to change some of the liquid flow structure, please contact the manufacturer.

- Ambient temperature: 40 °C

- Relative humidity: RH 0 ~ 90%

- Power: AC220V/50Hz 1000W

- Dimensions: 1380mm (H) x 580mm (W) x 470 (D) mm

- Weight: 60kg

- Output

- Continuous measurements, display TOC, COD, BOD or TOC, total TOC, average flow rate / 6 seconds, average flow rate / 6 minutes, average flow rate / hour, average flow rate / day.
- Analog voltage <optional>

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- Alarm output: Allow the load of the 220V/1A.
  - Signal output: 0 ~ 10mA <optional> or 4 ~ 20mA current <optional>, RS232 <optional>, RS485 <optional>.
  - Micro printer (window-type optional): 16 x 16 dot matrix characters. Can print the TOC, COD, BOD or TOC, total TOC, average flow rate / 6 seconds, average flow rate / 6 minutes, average flow rate / hour, average flow rate / day.
  - GPRS wireless data transmission <optional>

## Ordering Information

- Standard package don't include sampling pumps, carrier gas, contained gas cylinders, running reagents, calibrators, water-like preprocessor;
- Standard package don't include running reagents and calibrators, run reagent is sodium persulfate and phosphoric acid. Their daily consumption is: sodium persulfate 40g, 85% phosphoric acid 6ml.