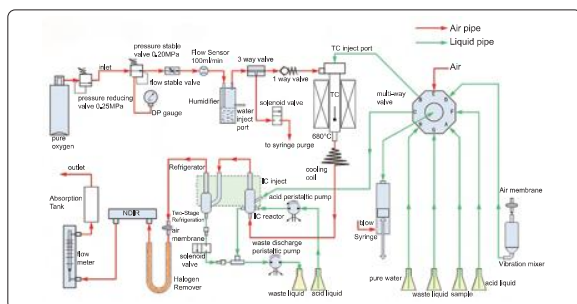


**TOC ANALYZER**  
**CODE TOC-CN800**

- Used in the determination of total organic carbon (TOC) in surface water, groundwater, domestic sewage, industrial wastewater and tap water
- Standard multiple linear curves and can automatically switch according to different measurement ranges
- Overheat protection circuit independent of the temperature control system, automatically cuts off heating when overheated
- Standard computer software, which enables real-time monitoring of instrument status
- Test reports can be generated
- Optional solid combustion device allows measuring solid samples like soil and some degradable plastics

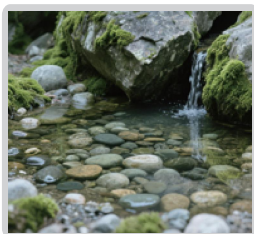


TOC-CN800

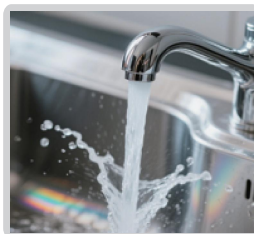


test principle

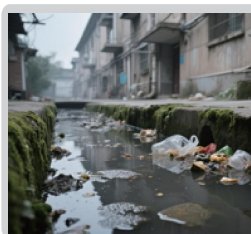
## applications



groundwater



tap water

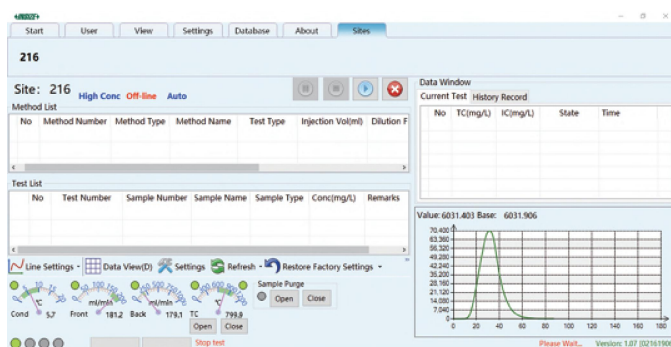


domestic sewage

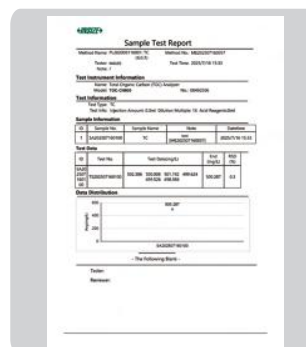


industrial wastewater

software (included), can control the test by software, display test data and generate reports



software interface



data report



solid combustion device (optional)



18-channel automatic sampling device (optional)



oxygen generator (with gas source) (optional)



oxygen generator (without gas source) (optional)

## SPECIFICATION

TOC measurement range	0~30000mg/L (diluted state)
Measurement items	TC, TIC, TOC, NPOC
Measurement principle	NDIR
Measurement method	online, offline
Repeatability	≤3%
Resolution	0.001mg/L
Accuracy	TC: ±5%, IC: ±4%
Limit of detection	≤0.1mg/L
Limit of quantitation	≤0.5mg/L
Calibration mode	single-point calibration, multi-point calibration
Measurement time	3min
Sample temperature	1~95°C
Sample injection method	manual injection, automatic injection
Sample injection volume	liquid: 0.1~1mL, solid: 10mg~1g
Carrier gas requirement *	oxygen with a purity of 99.999%
Linearity	R <sup>2</sup> ≥99.9%
Salt content	≤90g/L
Working environment	5~40°C, ≤85%RH, no condensation
Storage environment	5~40°C, ≤85%RH, no condensation
Power supply	220V, 50Hz
Dimension (L×W×H)	620×450×495mm
Weight	45kg

\* Self-preparation required for gas source, or optional oxygen generator

## STANDARD DELIVERY

Main unit	1 pc
Power adapter	1 pc
Software	1 set
Consumables and accessories *	1 set

\* Accessories include catalysts, quartz wool, crushed quartz, drying modules, and other consumables

## OPTIONAL DELIVERY

Solid combustion device	TOC-CN800-SCD
18-channel automatic sampling device	TOC-CN800-ASD18
24-channel automatic sampling device	TOC-CN800-ASD24
70-channel automatic sampling device	TOC-CN800-ASD70
Oxygen generator (with gas source)	TOC-CN800-AGP
Oxygen generator (without gas source)	TOC-CN800-AGL