ON –LINE

Water analyzer products

>> **TOC 4035WT**
Automatic TOC analyzer (Wet)

>> **TOC 4100HT**
Automatic TOC analyzer (Combustion)

Features

- World's premium automatic total organic carbon measuring instrument
- Max. 6 channels on optional basis
- Max. 5-point manual calibration or two-point automatic calibration
- Easy and affordable maintenance

Specification

>> TOC 4035WT

Item	Value
Items for measurement	Total Organic Carbon
Measuring principle	Wet oxidization (UV Lamp) / NDIR measuring method
Measuring method	NPOC
Measuring range	0~35 / 100 mg/L
Measuring time	Approx. 15 min.
Channel	Max. 6 channels (optional)
Flow rate of sample water	Above 100 mL/min.
Temperature of sample water	5~40 °c
Precision	±2% of F.S
Acidic solution	Phosphoric acid solution
Oxidizing agent	Sodium persulfate
Calibration reagent	KHP
Carrier gas	High-purity dry nitrogen, Air (Supply pressure : 0.1 ~ 0.15 MPa)
Calibration	Manual (Max. 5 point) or Automatic
Power	AC 220V, 50/60Hz (110V Option)
Display	Color LCD touch screen
Alarm indication on screen	No sample, No standard, No reagent, Detector trouble, No carrier gas, Transportation Tube exchange, UV lamp exchange, Calibration trouble, Leakage, System alarm
Alarm output	TOC high/low measurement error, Instrument trouble
Data output	4~20mA, RS-232, TCP/IP
Data storage	Storage in PC and external USB memory

>> TOC 4100HT

Item	Value
Items for measurement	Total Organic Carbon
Measuring principle	Combustion oxidation / NDIR measuring method
Measuring range	0~25/50/100 mg/L
Measuring method	NPOC
Reproducibility	±2% of F.S
Precision	±2% of F.S
Measuring cycle	Less than 10 min
Resolution	0.001 mg/L
Oxidation method	680°c combustion oxidation
Channel	Max. 6 channel (Option)
Display	Color LCD touch screen
Carrier gas	N2 gas, Air (Supply pressure : 250~300kPa)
Option	Carrier gas generator
Alarm indication on screen	No sample, No standard, No reagent, Detector trouble, No carrier gas, Transportation Tube exchange, UV lamp exchange, Calibration trouble, Leakage, System alarm
Alarm output	TOC high/low measurement error, Instrument trouble
Data output	4~20mA, RS-232, TCP/IP
Data storage	Storage in PC and external USB memory