

ON -LINE

Water
analyzer
products

>> TN 4200

(Automatic total nitrogen analyzer)



Features

- Analysis of total nitrogen in 1 hour
- TMS connection and various output signals [RS-232C, 4~20mA, DC24V external output (Equipment trouble, Alarm warning)]
- Logging report on alarm, Replacement of consumables and error
- Automation stop upon equipment trouble (Set to service status) (Display of causes such as no cooling water, No reagent, Overheating reactor, Lamp trouble on screen)
- Degree of diluted water/washing water contamination on screen display (Alarm display)
- Versatile application (Discharge water in wastewater treatment plants / river, lake and others of consumers' choice / TMS)

Specification

Measuring method	Ultraviolet absorbance intensity method
Measuring range	0 ~ 100 mg/L
Source of light	Deuterium Lamp
Minimum scale unit	0.001mg/L
Detection method	Photodiode detector
Reproducibility	±2% of F.S
Accuracy	±2% of F.S
Heating method	Direct heating method
Sample measurement	Quantitative control by measuring line
Reagent measurement	Quantitative pump control
Measuring time	60 min. / 1 measurement (Measuring cycle can be set)
Display method	Color LCD Touch screen
Storage method	HDD storage (320G), use of USB memory stick
Status output	Normal service, Calibration, Malfunction
Reagent replacement cycle	4 weeks
Data output	4~20mA, RS-232C, TCP/IP
Power	AC 220V, 50/60Hz (110V Option)