

Nitrogen in Aqueous Sample

ASI-210 / Sample Injector

ASC-232L / Sample Changer

Analysis
for
Solution



Option for NSX-2100V Trace Nitrogen
Sampling system for waste water
containing suspended solids

Injector for handling SS



Model	Automatic Sample Injector ASI-210
Sample	Aqueous (containing SS)
Injection	Fixed 25 μ l by slider valve Sampling PTFE tube ID 1 mm
Pump	2 x peristaltic pumps for sample and wash
Power	100/115/230-240VAC, 50/60Hz, 36VA
Dimension	265 (W) \times 240 (D) \times 310 (H) mm
Weight	5 kg

Fully automatic, max. 32 samples



Model	Automatic Sample Changer ASC-232L
Sample	Aqueous (containing SS)
Number, Vessel	32 pos, 50 ml tall beaker
Stirring	Magnetic stirrer
Washing	Over flow at rinse pod
Power	100/115 VAC, 50/60Hz, 100VA 230-240 VAC, 50/60Hz, 140VA
Dimension	414 (W) \times 489 (D) \times 423 (H) mm
Weight	19 kg

*ASI-210 is necessary to operate ASC-232L

Application (n=3)

Sample Size	Size (μ l)	Nitrogen (ppm)	RSD %
River water	25	14	1.4
Waste water A	25	227	1.0
Waste water B	25	49	0.9
Water before treatment	25	290	1.2
Water after treatment	25	45	0.9
Sea water* A	25	0.3	5.8
Sea water* B	25	0.3	1.2
Acidified water*	25	1.3	2.3

*Sea Water Kit

Specification

*Refer NSX-2100V brochure for detail also

Model	NSX-2100V Nitrogen
Sample	Aqueous
Analytical method	Oxidative pyrolysis, Chemiluminescence detection under vacuum condition.
Element	Nitrogen
Measuring range	0.01 - 5,000 μ g/ml (Low/High)
Measuring time	4 min
Oxidative pyrolysis	Vertical Furnace VF-210
Nitrogen detection	Nitrogen Detector ND-210
Vacuum pump	Vacuum pump DTU-20
Pure Water sampler	Auto Liquid Sampler ASC-250L

- Note: Follow the instructions on the Manual to correctly install, connect and operate the instruments.
Content of the Catalogue is subject to change without prior notice when improvements are made in the performance.
The actual colors of the machine may appear different from colors printed in the Catalogue.
Company and product names contained herein are the trademarks or registered trademarks of the companies concerned.

Safety Precautions • Read through the user's manual first before installing, piping, wiring and operating this monitor, then always follow to the manual to correctly operate the monitor.

MITSUBISHI CHEMICAL ANALYTECH CO., LTD.
Instruments Division

370 Enzo, Chigasaki-shi, Kanagawa 253-0084, Japan.
Tel: +81-467-86-3864 Fax: +81-467-86-3862
URL: <http://www.mccat.co.jp/>