

FX610 / FX620

Sample Filtration Systems

The FX610 and FX620 are lightweight, sample filtration systems for the NH6000sc ammonia analyzer with a sample pump and compressor directly integrated into the analyzer. The filter system collects a sample from the basin and the integrated sample pump moves the sample to the measuring chamber.

The FX610 and FX620 offer lower user maintenance, each with one membrane that requires cleaning only every 3 months and a large diameter air supply tube. The FX620 has an air bubble cleaning module below the filter system to decrease the collection of solids on the filter membrane.



Order Information

LXV464.97.11021	FX610 Sample Filtration System, 5 m heated hose, 115 VAC
LXV464.97.12021	FX610 Sample Filtration System, 10 m heated hose, 115 VAC
LXV464.97.21021	FX620 Sample Filtration System, rough samples, 5 m heated hose, 115 VAC
LXV464.97.22021	FX620 Sample Filtration System, rough samples, 10 m heated hose, 115 VAC

Part numbers may vary by country.

Technical Data*

Dimensions (H x W x D)	FX610: 348 x 287 x 81 mm (13.7 x 11.3 x 3.19 in.) FX620: 424 x 408 x 86 mm (16.6 x 16.1 x 3.4 in.)
Weight	FX610: 2.2 kg (4.9 lb) with filter module FX620: 3.5 kg (7.7 lb) with filter module
Sample Volume	Delivers a sample volume of ~1 L/h
Hose Length	5 m or 10 m heated sample hose
Maintenance Requirements	Approximately 30 minutes/3 months in standard municipal wastewater aeration basin applications
Sample Temperature	4 - 40 °C (39.2 - 104 °F) in basin
Ambient Temperature	-20 - 45 °C (-4 - 113 °F)
pH Range	5 - 9 pH
Power Requirements	115 - 230 VAC; 50/60 Hz, supplied by analyzer
Certifications	CE, UKCA, CMIM, FCC, ISSED, certified to UL and CSA safety standards by TÜV

**Subject to change without notice.*

The NH6000sc can be retrofit with the integrated FX610 or FX620 filtration systems. Contact Hach for more information.