

COMPACT NITROGEN GENERATOR FOR ACQUITY® QDA®

BaseFluxx

The BaseFluxx nitrogen generator from Avilo has been specially developed to provide the right nitrogen flow for the waters ACQUITY® QDa® mass detector (single detection mode). But with its steady nitrogen pressure and affordable spacesaving design, the BaseFlow can be used for a variety of applications within the lab.



Compact, Reliable, Silent

Utilizing field proven membrane technology the unit delivers the right amount and purity nitrogen gas without any moving parts. Making it the most reliable and silent form of point-of-use nitrogen generation on the market. Ideal for the laboratory environment.

Stable nitrogen flow

Stable flow & pressure and the correct purity of the nitrogen product were the main focus during the engineering of this generator. Resulting in a compact unit that's very easy to use while providing a reliable, continuous nitrogen flow with stable pressure and purity.

Three models for various applications

The BaseFluxx nitrogen generator comes in 3 models, producing 20, 40 or 60 litre of high quality nitrogen per minute at a pressure of 8 bar. While most BaseFluxx generators are used in combination with a ACQUITY QDA mass detector, the produced nitrogen gas can be used for other laboratory applications as well, such as sample preparation / solvent evaporation for example.



Promise a lot. Deliver more.



BASEFLUXX NITROGEN GENERATORS

Features

- N² gas with a stable flow and outlet pressure
- No need for unsafe cylinders or bulk supply
- Easy to use & Easy maintenance by user
- Production without moving parts
- Reliable membrane technology
- Flexible & Compact design
- No need for electricity
- Ultra silent operation
- Build in filtration

Easy installation & Maintenance

Connect the unit to a compressed air source and the application. Adjust the inlet pressure and set the right nitrogen outlet pressure for your application with the two regulators. That's all! The maintenance activity required by the BaseFluxx can easily be done by the operator under 15 minutes. Convenient maintenance packages are available from stock.

Specifications BaseFluxx

Capacity N² at 8 bar	20 / 40 / 60 l/min ¹
Purity N²	> 95%
Min. / Max. N² Pressure	0.5 – 9 bar (G) ²
Compressed Air Quality	ISO8573-1:2010 Class 3.4.3
Operating Temperature	5°C – 35°C / 41°F – 95°F
Weight	17kg / 18,5kg / 20,5kg ¹
Dimensions (H x W x D)	511 x 150 x 500mm

¹ Data for BaseFluxx 20, 40 or 60

² inlet pressure at least 0.7 bar above required N² pressure

Parts & Maintenance Kits

AVMKBF01	Maintenance Kit (6 months)
AVMKBF02	Maintenance Kit (36 months)
AVBFKIT01	Pre-Filter Kit 3
AVMKBF03	Maintenance Kit for Pre-filter (6 months)

³ for locations with lower compressed air quality ISO8573-1:2010 Class 4.4.4

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