

OMNIFLUX

Versatile nitrogen generator for laboratories

The Avilo OmniFluxx is the reliable nitrogen solution for high-quality LCMS applications and other analysis applications within the laboratory environment. Make your own nitrogen, fully automatic with just the flick of a switch.



Available in 8 models, which are all adjustable in pressure and purity. Therefore, there is always an OmniFluxx model that provides the right amount of nitrogen for your instrument(s).

Guaranteed Nitrogen Quality

Integrated compressed air pre-treatment ensures the delivery of a high quality dry nitrogen gas that is free of impurities and ready for use. To guarantee quality, the nitrogen gas is continuously monitored by internal sensors.

Unlimited Nitrogen gas 24/7

After connecting to a standard compressed air supply, the generator will start/stop without further user assistance and create unlimited nitrogen gas for your application. 24 hours a day, 365 days a year. This way you can continue to focus on your analysis without worrying about the gas supply.

Gas Quality Traceability

Production values such as nitrogen purity, pressure and moisture content are stored within the controllers memory for up to a year. This benefits the traceability and reproducibility of analysis.

Intuitive Controller

The touchscreen display provides a clear representation of the measured production values and the generators settings in various languages. In addition, the intuitive AVILO OS6 software offers numerous possibilities. It informs the user about maintenance needs and allows to set numerous alarm values and set-points, making sure the application and the generator itself are protected in the event of an upstream complication.



OMNIFLUX

Versatile nitrogen generator for laboratories

SPECIFICATIONS AV61/AV91

- **Capacity N2 at 98%** : 19 to 115 l/min
- **N2 Purity Range** : 5 % - 99,6 %
- **N2 Pressure Range** : 4 to 9 bar
- **Connection N2** : 3/8" G
- **Connection Comp. Air** : 3/8" G
- **Connection Condensate** : 6 mm (push-up)
- **Ambient Temperature** : 10 - 35 °C
- **Power** : 230 VAC - 50 Hz
- **Dimensions (H x W x D)** : 83 x 47 x 27 cm*
- **Compressed Air Quality** : Class 3.4.2
(ISO 8573-1:2010)
- **Compressed Air Pressure** : Min. 5 - Max. 10 bar



* OmniFlux 10E & 11 - 83 x 47 x 34 cm

Capacities

Liters per minute at 7 bar external compressed air pressure

MODEL/PURITY	99,5%	99,0%	98,0%	97,0%	96,0%	95,0%
OMNIFLUX 4	-	11	19	25	31	37
OMNIFLUX 6E	13	22	34	44	54	60
OMNIFLUX 6	-	22	35	48	60	71
OMNIFLUX 8	22	32	47	59	76	90
OMNIFLUX 10	29	44	64	85	104	123
OMNIFLUX 10E	30	47	69	91	114	138
OMNIFLUX 11	-	58	98	132	171	212
OMNIFLUX 12	52	78	115	150	183	219

* Energy-efficient models with lower compressed air consumption

Display Values / Functions

- Nitrogen Pressure
- Export Data log via USB
- Measuring cell calibration
- Auto-restart function
- Nitrogen Purity / Oxygen content
- Pressure dew point of the compressed air (optional)
- (service) Hour counters incl. maintenance reminder
- Purity & Pressure alarm
- Service history
- Data log of production values (1 year)

Optional

- Moisture detection alarm
- Aluminum Frame for standing installation
- Automatic Periodic Calibration