

Nitrogen Generators

Nitrogen for MCO-170M-PE and MCO-50M-PE



Laboratories demand reliable, cost effective and high quality sources of Nitrogen. By introducing Nitrogen into the Multigas Incubator with the help of a Nitrogen Generator, the oxygen concentration can be controlled specifically according to requirements.

GAS GENERATORS VS. BOTTELD GAS

Nitrogen Generators have decisive advantages over bottled gas and are the first choice when it comes to supplying high-purity gases.

RELIABLE OIL-FREE COMPRESSORS*

Proven reliability in gas supply, thanks to the quality and durability of the oil-free compressors at the heart of our products.

COMPATIBILITY

The N₂ generators are adjusted to the requirements of the PHCbi multigas incubators to supply continuous and direct N₂ gas to control lower oxygen levels from 2~18%.



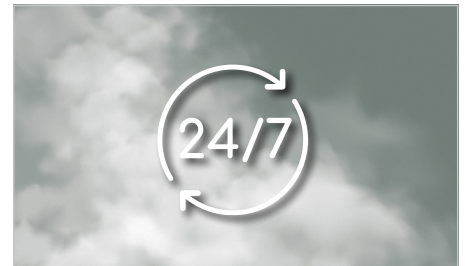
Safe and easy to use

No more high-pressure gas cylinders in your laboratory – no risk of explosion or gas leaks. Plug-and-Play installation and simple user interface.



Gas on-demand, affordable and reliable

Continuous, unlimited on-demand gas supply. Long asset life and lowest-in-class cost of ownership.



Consistent gas quality

Eliminate batch-to-batch gas variations for more consistent results. High-purity gases protect instruments and ensure sensitive analysis.

* only for model DT-HF30A and DT-HF30P



HF30A

HF30A

Our HF30A Nitrogen Generator is ideal for use in compatibility laboratories, especially where a source of high pressure clean air is not available at the place of use. N₂ supply up to 32 l/min @ 1 bar with purity up to 99.5%.

HF30A is lowest in class for cost of ownership and ensures 24/7 performance. It's an innovative Nitrogen Generator with a high-quality compressor and a PLC control system.

- **Oil free piston compressor.** Powered by Dürr Technik
- **3-stage filtration to protect your equipment.**
- **Internal Nitrogen storage.** For immediate N₂ availability, worldwide vessel approval for safety and compliance
- **Industry leading nitrogen membrane technology.** Pure, dry Nitrogen supply and exceptional membrane life
- **Simple user interface.** With local language support and instrument configuration via HMI



HF30P

HF30P

The pneumatic version of the HF30A. The nitrogen generator has a pneumatic control system and is ideal for use in laboratories where a dependable and affordable source of nitrogen is essential and is suitable for all laboratories, especially where a high pressure clean air source is not available at the point of use.

Thanks to its compact dimensions, the nitrogen generator can be placed anywhere.

- **Oil free piston compressor.** Powered by Dürr Technik
- **3-stage filtration to protect your equipment.**
- **Internal Nitrogen storage.** For immediate N₂ availability, worldwide vessel approval for safety and compliance
- **Industry leading nitrogen membrane technology.** Pure, dry Nitrogen supply and exceptional membrane life



HF30N

HF30N

Ideal for use in laboratories where a dependable and affordable source of Nitrogen is essential and where an air supply is already installed or planned. N₂ supply up to 32 l/min @ 1 bar with purity up to 99.5%.

- **Proven integrated 3-stage filtration**
- **Visual service indicator**
- **High quality membranes for long service life**
- **Compact design suitable for on or under the bench**
- **Internal N₂ storage tank**

Article number.	DT-HF30A	DT-HF30P	DT-HF30N
Flow rate	up to 32 l/min		up to 32 l/min
Purity	up to 99.5%		up to 99.5%
Pressure	1 bar		1 bar
Internal compressor	yes		no
Dimensions [LxWxH]	800 x 605 x 695 mm		450 x 540 x 640 mm
Noise	< 59 dB(A) at 1 m		49 dB(A) at 1 m
Condensate management	no		yes



MCO-170M-PE Multigas Incubator

PHC Europe

A Member of PHC Group

Eikdonk 1 | 4825 AZ Breda | Netherlands
T: +31 (0) 76 543 3833

www.phcd.com/eu/biomedical