

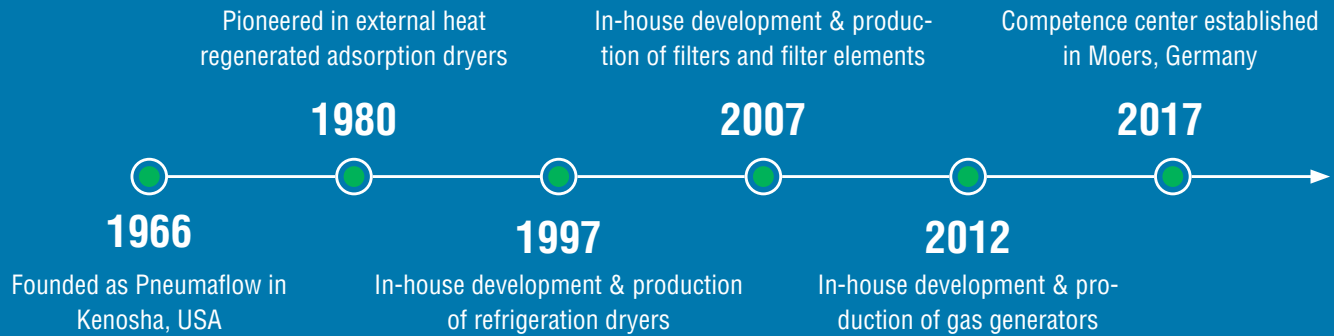
Your partner in  
**pure gas** solutions



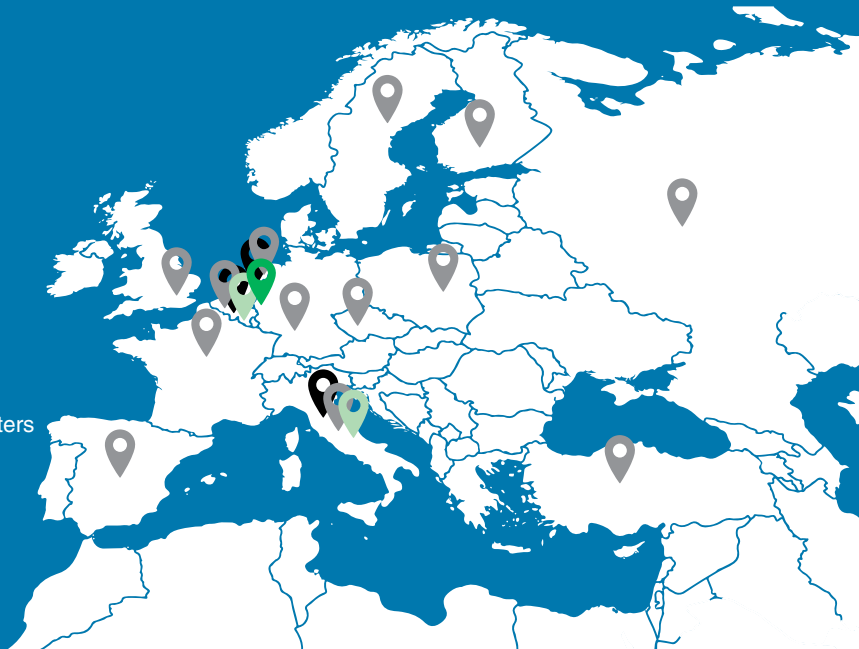
**pneumatech**  
Pure air . Pure gas

# Partnering since 1966 to deliver air-treatment solutions

Since 1966, Pneumatech has provided industry-leading compressed air and gas treatment solutions to customers across the globe. We pioneered external heat regenerative dryers in the 1980s, introduced variable speed technology on refrigerant dryers (2000s) and pushed the energy efficiency of nitrogen generators to the highest level (2010s). Our innovative products and solutions provide clean, dry air and gas to general industries as well as automotive, textile, power generation, oil & gas, food & beverage and electronics.



-  **IN-HOUSE PRODUCTION**
  - Belgium: Adsorption dryers, gas generators & welded filters
  - Italy: Refrigerant dryers & threaded filters
  - Netherlands: Engineered air & gas purification solutions
-  **EUROPEAN COMPETENCE CENTER**
-  **RESEARCH & DEVELOPMENT CENTERS**
  - Belgium: Adsorption dryers, gas generators & filters
  - Italy: Refrigerant dryers
-  **SALES OFFICE IN 13 EUROPEAN COUNTRIES**



# WE STAND FOR



COMPETENCE



INNOVATION



FLEXIBILITY

While compressed air is a crucial part of many industries, untreated compressed air always contains contaminants – such as water (vapor), oil (vapor), microorganisms, dirt and trace gases. These contaminants can cause damage to product equipment, corrosion of metals, bad quality end products or air pollution. Often also the main constituents of air - oxygen and nitrogen - are unwanted.

Air treatment systems are thus crucial to protect your equipment, products and people. Our **competence** team will work with you to understand your air treatment needs and will come up with the right solutions.

Thanks to our wide and **innovative** product portfolio we can offer guaranteed purity, while maintaining lowest costs and energy levels. We are capable of handling your requests in the most **flexible** way: from the smallest adaptations to the most complex requirements.

For Pneumatech, your company's success is paramount. You can count on us to maximize your protection, production and profitability

**Pneumatech - your partner in pure gas solutions.**

# WE OFFER



PURE  
PROTECTION

The right purity to continuously protect your process, your product, your application and your reputation.



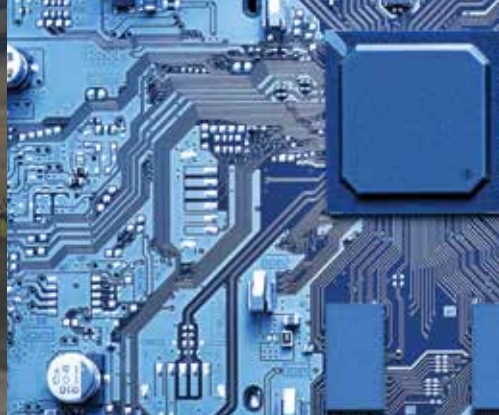
PURE  
PRODUCTION

Outstanding durability and excellent service to keep your production up and running optimally.



PURE  
PROFITABILITY

The lowest energy consumption and life cycle cost for your compressed air treatment applications.



## Wide range of innovative products for your **air-treatment needs**



### Heatless adsorption dryers

#### PH 55-550 HE

- Lowest purge loss (16%)
- Noise levels
- Guaranteed reliability thanks to unique valve system
- Limited maintenance costs



### Heated adsorption dryers

#### PB 210-6350 HE Zero Purge

- Advanced energy management with Purelogic graphic controller
- Reliable drying through counter-current regeneration
- Guaranteed performance, also at varying conditions



### Refrigeration dryers

#### AC 1600-2100 VSD

- Exact match between energy consumption and actual demand
- Lowest pressure drop over heat exchanger and air piping
- Optimized refrigeration cycle thanks to electronic hot gas bypass valve & automatic expansion valve



### Filters

#### TF 1-11 & FF 1-12

- Performance certified according applicable ISO8573 & ISO12001 standards
- Guaranteed air purity, combined with low pressure drop
- Robust cartridge construction with leak-free caps & stainless steel cores



### Condensate management

#### OWS 75-5000

- Reliable performance thanks to patented multistage filtration technology
- No standing water, eliminating all potential health issues
- DIBT certified



### Gas generators

#### PPNG 6-800 HE

- Unique energy saving control, optimizing air consumption at all times
- Lowest air consumption thanks to back-flow | pressurization
- Self-protective regulations thanks to feed-air and nitrogen blow-off
- Nitrogen storage up to 300 barg



### Purity measurement equipment

- Complete portfolio to measure flow, PDP, pressure, leaks, oil & oil vapor
- Guaranteed high accuracy
- Easy to handle

All our production plants are triple certified:



**pneumatech**  
Pure air . Pure gas

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