



PNEUMACHECK

Nitrogen flow audit

pneumatech.com

pneumatech
Pure air . Pure gas

Did you know?

Liquid nitrogen tanks can have more than 20% boil-off losses.

Up to 10% of nitrogen in delivered cylinders cannot be used.

The ROI of an on-site nitrogen generator can be less than 1- 2 years.

Are you overpaying for nitrogen deliveries? Why? Producing your own nitrogen is the cost-efficient, flexible and sustainable alternative. But don't just take our word for it.

You can calculate your own N₂ cost savings. And it all starts with finding your true nitrogen requirements with PNEUMACHECK.

With a PNEUMACHECK nitrogen flow audit, you can...

- Find out your factory's N₂ flow profile
- Understand the nitrogen usage of the different applications and processes in your plant
- Identify if and where N₂ is being wasted
- Confidently select and size an on-site Pneumatech gas generation system to replace your liquid or bottle supply

On-site gas generation – the preferred solution

Many companies still purchase their nitrogen – even though producing N₂ on-site offers more advantages. Here are just four:

- Greater cost-efficiency saves you money
- Eliminating bottle or liquid deliveries reduces your environmental footprint
- Take charge of your own N₂ supply
- Less hassle by removing supply logistics

PNEUMACHECK helps you save

Pneumatech is the industry leader in air treatment and gas generation. Our range of PNEUMACHECK solutions help you save money and improve your operational sustainability. Contact your Pneumatech expert to find out which PNEUMACHECK will benefit you most:

- Compressed air usage
- Compressed air quality audit
- Nitrogen flow audit
- Air system leakage detection
- Air and gas pressure measurement
- Oxygen flow audit
- Moisture detection

The process:

Our specialist comes to you to install the Pneumatech Flow Check Box, a plug-and-play flow metering, monitoring and logging solution. After installation, this measuring equipment will not impact your production processes.



The result:

You get a deep dive into your current gas usage and the options for optimizing your nitrogen systems and processes.

An A-Z nitrogen flow solution

With PNEUMACHECK, you get a complete nitrogen flow solution, from accurate measurement to expert advice:

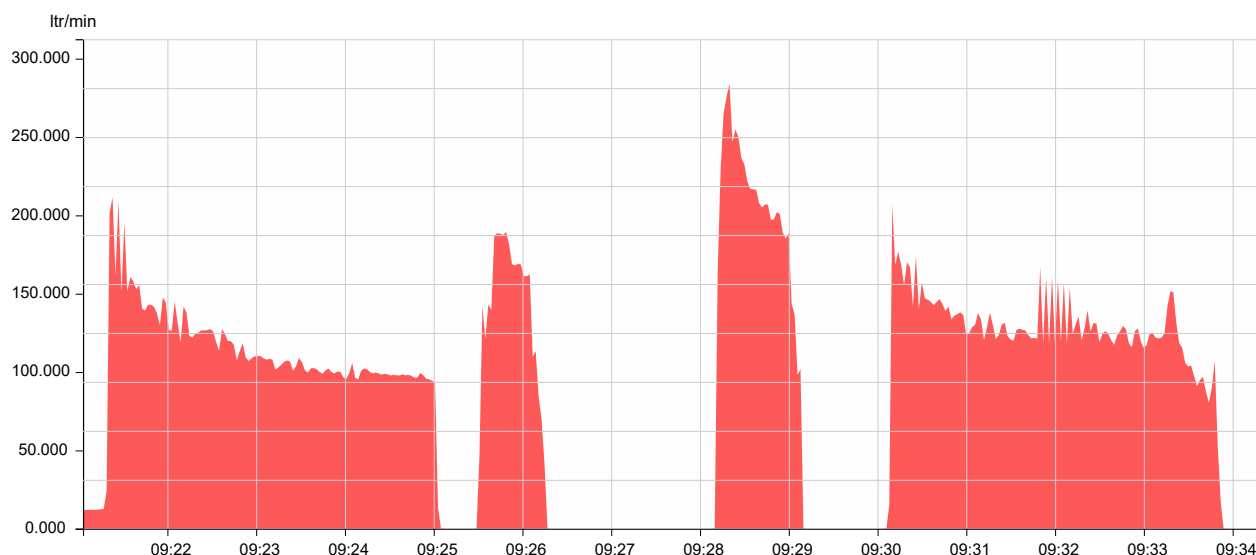
1. Measurement:

- **High-accuracy flow meter:** Measures your N₂ flow and usage
- **Data logger:** Records your N₂ flow data and makes it available for analysis
- **Installation equipment:** All the tools to make a convenient connection with your installation

2. Analysis and expertise:

- **Report:** Our experts analyze and summarize your flow data in one report filled with actionable insights.
- **Advice:** Based on this data, we can simulate the on-site generation system that meets your specific requirements.

Measurement result example



Technical specifications	
Pressure	standard up to 16 bar, up to 50 bar with use of frame (included)
Flow	up to 10,000 cubic meter per hour
Pipe diameter	½ - 6 in/DN 15 - 150 (up to DN 300 as an option)
Electrical supply*	100-240 VAC; 50/60 Hz
* the mobile Check Box provides up to 8 hours of continuous operation without electrical supply.	