Nederman Insight for FlexPak

Nederman IIoT platform for dust collectors
Smarter and connected

FlexPak is the leading high vacuum dust collector in the market, always with the right capacity. The unit controls dust across a wide range of applications, including welding fumes, pharmaceutical and food dust, composite and metal grinding, combustible dust, metal chips etc. It also handles heavy and general cleaning of premises, workplace and machinery.

Now FlexPak is a lot smarter with Nederman Insight

We have developed a cloud-based IIoT* platform designed specifically for filtration systems. It provides real time visualization and monitoring of system performance including customized dashboards and alarms. The data is securely stored and accessible via the web or mobile devices. It empowers the user to optimize the system performance, better plan maintenance and create filtration reports.

How Nederman Insight can help you

Remote monitoring: Supervise the filter from a remote place inside or outside the factory. Conveniently access the filtration system from anywhere at any time to make informed, smart decisions.

Performance optimization: Historical filter data and trends help to improve performance and minimize the risk of unplanned downtime.

It is all about

- **Accessibility** – anytime and anywhere
- **Control** – stop guessing, start knowing
- **Peace of mind** – focus on your core business

Here’s how it works

Communication kit
A gateway securely delivers real time data to the Nederman Insight cloud allowing the system to be monitored remotely.

Sensors
Located throughout the FlexPak, monitoring key performance parameters and functionalities such as:
- Vacuum levels
- EX safety components
- Temperatures
- Pressure drops
- Dust bin level
- Compressed air

Dashboards
User friendly visualization of the filter’s performance, alarms and alerts.

FlexPak and Nederman Insight
Empowering you with the tools and data necessary to overcome today’s operational challenges.

- Uptime assurance
  Take actions before the system stops or reduces its performance.
- Reduced unplanned maintenance
  Maintenance is less expensive when planned.
- Improved system lifetime
  Early fault corrections help to improve product lifetime.
- Improved safety for people and premises
  Early alerts of fire or possible explosion minimize injuries and property damages.
- Performance tracking
  Get valuable data on how your filter is operating.
- Energy efficiency
  A system with all components operating properly generally consumes less energy.

*IIoT = Industrial Internet of Things
Nederman is a world-leading environmental technology company. We filter, clean and recycle to create eco-efficient production in demanding industrial surroundings.

For more than 70 years, Nederman has developed, manufactured and installed products and solutions to reduce the strain on the environment and improve working conditions in numerous industries.

Our products and systems have been ground-breaking in industries such as machining, metal fabrication, mining, automotive, composite manufacturing, food, pharmaceuticals, woodworking and many others.

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