

IN-LINE VACUUM MONITORING

Fast assessment of vacuum quality and vacuum control for quick and reliable bagging of composite parts.

In-line measurement device for leakage detection in vacuum applications, based on gas flow and pressure measurements.

Benefits

Process time reduction

- Fast leakage detection and assessment
- Facilitated bagging with integrated vacuum control function

Customization

- Vacuum assessment adaptable to individual process requirements
- Data export for later integration into existing ERP systems
- Individual vacuum interfaces available upon request
- Individual software interfaces for real-time data transfer
- Multi-channel solution for large-scale application under development
- Leakage localization under development

Ease of use

- Resistive touch display can be operated with any type of gloves
- Visualization of results with traffic light
- Data continuity thanks to part-related data storage
- Customizable pressure control



IN-LINE VACUUM MONITORING

Fast localization of leakages in vacuum setups
for more efficient bagging of composite parts

Features

- Automatic assessment of vacuum tightness based on gas flow and pressure evaluation
- Bypass feature for fast evacuation
- Precise vacuum control to ease draping of auxiliary materials
- Filter for dust and dirt

Technical specifications

Dimensions: 700 mm width × 700 mm height × 250 mm depth

Weight: 26 kg

Operating pressure: 0–1100 mbar abs

Operating medium: air

Minimal detectable leakage: 12 mln/min

Range for vacuum control: -100 to -0.025 mbar

Communication ports:

- USB (2x)
- Ethernet RJ45

Available connections:

- Stäubli RBS: 6–11
- ISO 7241-1-B: G $\frac{1}{8}$ –G $\frac{1}{2}$
- Others available upon request

