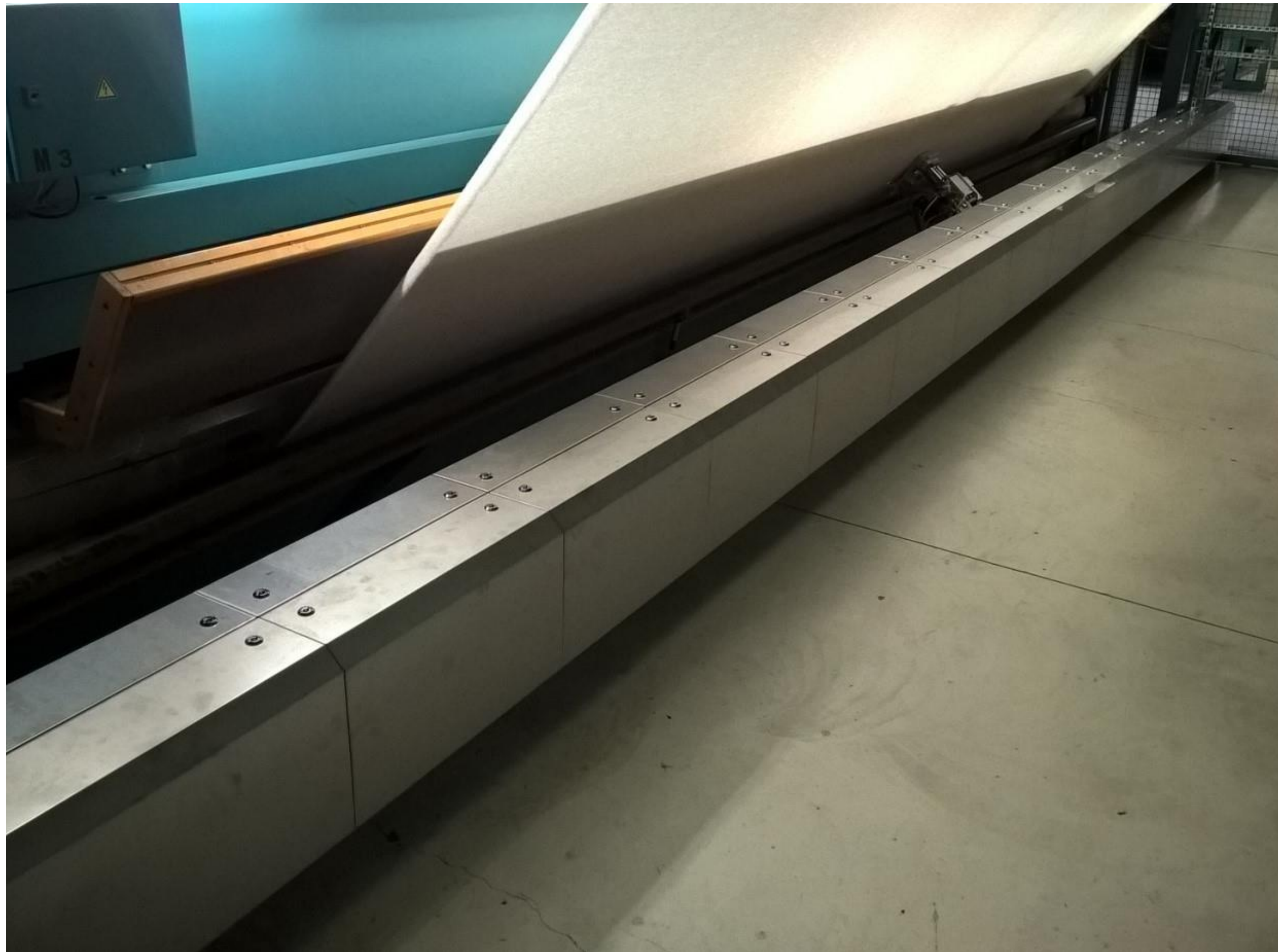


SCIENTA ONLINE POROSITY SENSOR FOR AIR PERMEABILITY ANALYSIS



- ✓ **Contact, one sided online measurement**
- ✓ **Positive Air Flow method, for high permeability materials**
- ✓ **Unique and tailored head designs**
- ✓ **Correlates well with Gurley, Bendtsen, Coresta etc.**
- ✓ **Fast measurement suitable for scanning profile measurements**

MEASURING METHOD



The Scienta Porosity Sensor measures the air flow through the web while maintaining constant air pressure. The Sensor head is in constant contact with the sheet. High porous / permeable materials are measured using positive air flow pressure. Scienta Porosity sensor is not available for dense / low permeability materials.

CHOICE OF ANALYSIS METHOD

1 ml/min ----- Permeability range ----- 50.000 ml/min

VACUUM (NOT AVAILABLE)

POSITIVE AIR FLOW

BENEFITS

to process applications such as filter paper, board, nonwovens, plastics, glass fiber etc.

- Modern, intelligent sensor design
- Wide measuring range
- Good correlation to lab results
- Service free construction
- Easy and convenient to install and operate
- Full range of scanners available
- Tailor made head designs for various applications
- Faster on-spec quality and reduced start up waste
- Reduction in rejects due to high performing measurements
- Real time information for refining control
- Better wire and felt management
- Easy calibration and setup
- One calibration for multiple grades

TECHNICAL SPECIFICATIONS

Sensor Type	7270
Construction	Single sided contact
Method	Positive air pressure
Range	Up to 50.000 ml/min
Meas. frequency	5 Hz
Air supply	6–10 bar, 200 l/min, clean and dry air
Temperature/head	110 °C max.
Power requirements	+24V, 2A
Installation	Scanning/Fixed

