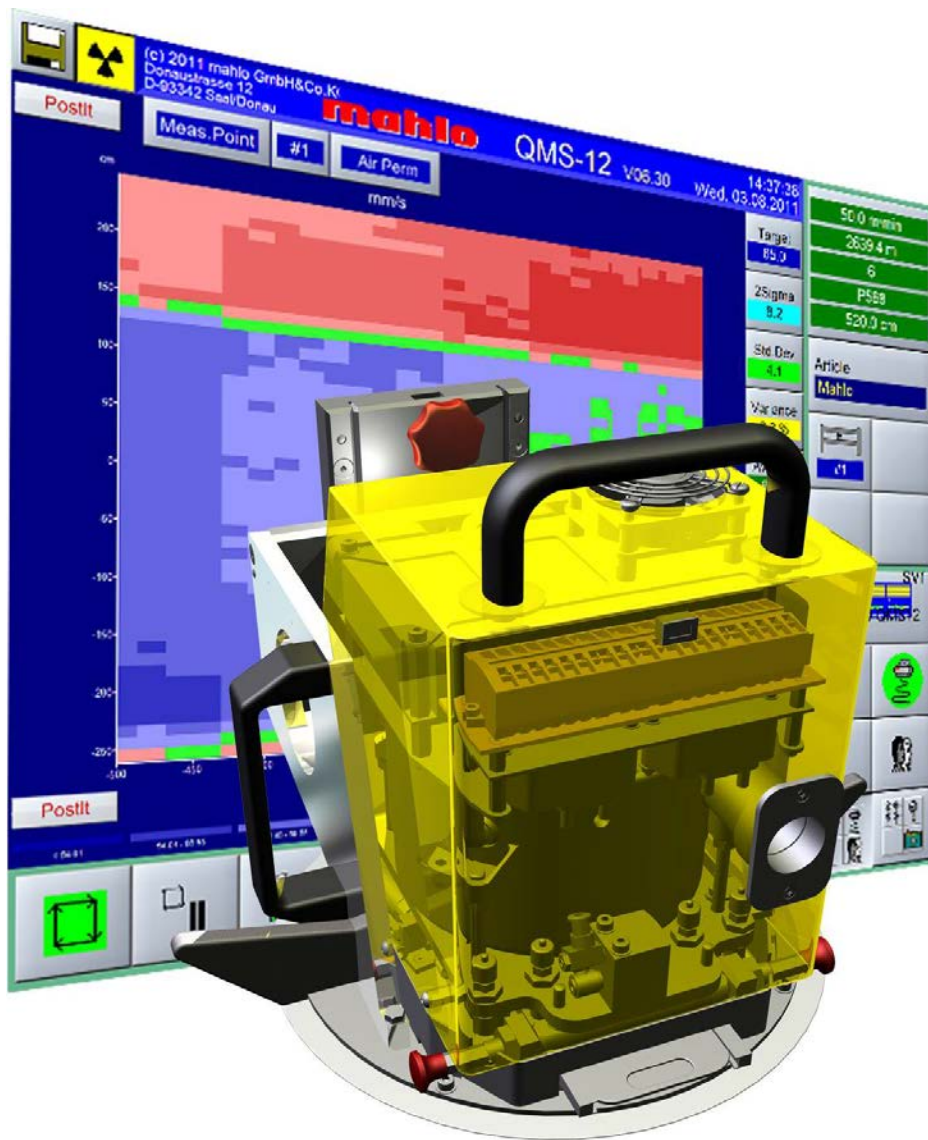


AIRPRO APM

Measurement of air permeability
and pressure drops



Mahlo GmbH + Co. KG Germany
Donaustr. 12, 93342 Saal/Donau

Tel.: +49-9441-601-0
Fax: +49-9441-601-102
E-mail: info@mahlo.com

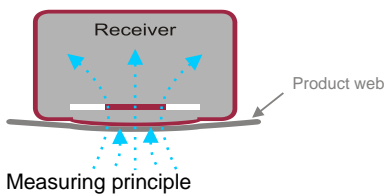


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AIRPRO APM

Measurement of air permeability and pressure drops



TEXTTEST
INSTRUMENTS
Detector technology provided by
Textest AG, Switzerland

Precise measurement

In the textile and clothing sector, air permeability is important for the exchange of air between the inner layers of clothing and the environment. This will substantially influence the wearing comfort of clothes. Air permeability is also important for drying after washing. In the technical sector, it plays a role in air and gas filters – or with air bags in the automobile industry.

Airpro APM allows for a highly dynamic and traversing measurement of air permeability and pressure drops on the running product web across the entire product width. Applications range from all types of surface structures, felts, dense paper and airbag fabric to extremely open nonwovens and paper sieves.

Benefits

- Easy, fast measurement method
- High measuring accuracy and durability
- Large measuring range
- Many units of measurement available

Technical data

Sensor	AIRPRO APM	
Measurement	Air flow measurement	
	Air permeability	Pressure drops
Measuring range	approx. 1–5,000 mm/s	50–1,000 Pa
Flow velocity		0.001–5 m/s
Test pressure	98–500 Pa	
Accuracy	± 3% of the measured value transmitted	
Measuring surface	20 cm ²	
Measuring rate	> 10 measured values/sec.	
Product web speed	max. 100 m/min	
Ambient temperature	0°C–50°C	
Power supply	1 ~ 230 V AC, 50/60 Hz, 5 A/24 V DC, 1 A	

Can be used in

- ✓ Qualiscan QMS

Product highlights

- ✓ Large measuring range
- ✓ High measuring accuracy
- ✓ Lange Lebensdauer

Customer benefits

- ✓ Easy and fast
- ✓ High measuring accuracy
- ✓ ReporteAusgelegt für lange Lebensdauer