



FX 3345 FlexAir
Air Permeability Tester



FX 3345 FlexAir with many Benefits

The compact Air Permeability Tester FX 3345 FlexAir inspires by its small dimensions, its low weight and its attractive price. The FX 3345 FlexAir is suitable for measurements of the air permeability and the pressure drop of contaminated materials such as used filters, and for online measurements. The instrument works in accordance with ASTM D 737, DIN 53887, EN ISO 9237, WSP 70.1 and many other national and international test standards.

TEXTTEST offers the FX 3345 FlexAir in two versions - the FX 3345 and the FX 3345-L -, which differ only in the measuring range.



- ✓ **Benefit thanks to compact design**
Due to its compact design, the FX 3345 FlexAir fits anywhere. For stationary applications it requires little tabletop space and on the move it can be transported in the supplied case.
- ✓ **Benefit thanks to integrated design**
Measurement parameters and measurement results are configured and displayed directly through the built-in control panel and screen.
- ✓ **Benefit thanks to memory and evaluation**
The FX 3345 FlexAir can store up to 100 test results in the internal memory. With the optional evaluation software FX 334x-EVA, the data can be transferred to a PC, where it can be stored, statistically evaluated and documented.
- ✓ **Benefit thanks to flexibility**
The easily replaceable test heads expand the measuring range and thus allow the measurement of most standard materials. The internal battery makes the FX 3345 FlexAir independent of a stationary power source.

Optional Accessories

FX 3345-20	Test head 20 cm ² , with magnetic clamping ring (included)
FX 3345-5	Test head 5 cm ² , with magnetic clamping ring
FX 3345-20 SSM	Test head 20 cm ² , ball shaped, with seal
FX 3345-5 SSM	Test head 5 cm ² , ball shaped, with seal
FX 334x-BLI	Rechargeable battery for the operation without mains connection.
FX 334x-EVA	PC-based program for documentation, evaluation and storage of test results.
L 5300-GDC	PC-based program for reading, converting, exporting and integrating of measuring data into your IT environment (only in conjunction with FX 334x-EVA).



Technical Specifications

- Air permeability**

	60 - 6'000	mm/s	at	5	cm ²	Model FX 3345
• Measuring range	15 - 1'500	mm/s	at	20	cm ²	Model FX 3345
	4 - 1'000	mm/s	at	5	cm ²	Model FX 3345-L
	1 - 250	mm/s	at	20	cm ²	Model FX 3345-L
• Test pressure	20 - 500	Pa				
• Units of measurement	mm/s, l/m ² /s, l/dm ² /min, cm ³ /cm ² /s, m ³ /m ² /h, m ³ /m ² /min, m ³ /m ² /s, ft ³ /ft ² /min					

- Pressure drop**

• Measuring range	20 - 500	Pa				
	0.060 - 6.0	m/s	at	5	cm ²	Model FX 3345
• Air velocity	0.015 - 1.5	m/s	at	20	cm ²	Model FX 3345
	0.004 - 1.0	m/s	at	5	cm ²	Model FX 3345-L
	0.001 - 0.25	m/s	at	20	cm ²	Model FX 3345-L
• Units of measurement	Pa					

- EN 14683**

• Measuring range	4.1 - 102	Pa/cm ²				
• Air velocity	272	mm/s (=8 l/min @ 4.9 cm ²)				
• Units of measurement	Pa/cm ²					

- Test areas 5 cm² and 20 cm²
- Measuring accuracy ±3 % of the displayed value
- Length of measuring hose 150 cm
- Power requirements 100 – 240 VAC, 50-60 Hz, 100 W
- Data port USB 2.0
- Dimensions (w x d x h) 16 x 34 x 25 cm
- Net weight 3.5 kg

Subject to change without notice.

A certificate of calibration in compliance with ISO/IEC 17025:2017 and a check plate is included with each FX 3345 FlexAir.



SWISS CALIBRATION
SERVICE