

TESTING INSTRUMENTS FOR QUALITY CONTROL

# FX 3345

## FlexAir

Air Permeability Tester



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TESTNOLOGY

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# FX 3345 FlexAir

## Mobile Air Permeability Tester with many benefits

The most compact Air Permeability Tester of TEXTEST inspires by its small dimensions, its low weight and its attractive price. The FlexAir is suitable for measurements of air permeability and 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.

### Benefit thanks to compact design

The 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 memory and evaluation options

The FlexAir can store up to 100 test results in the internal memory. With an optional evaluation software the data can be transferred into 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 FlexAir independent of a stationary power source.



## Accessories

- FX 3345-20 Test head 20 cm<sup>2</sup>, with magnetic clamping ring (included)
- FX 3345-5 Test head 5 cm<sup>2</sup>, with magnetic clamping ring
- FX 3345-20 SSM Test head 20 cm<sup>2</sup>, ball shaped, with seal
- FX 3345-5 SSM Test head 5 cm<sup>2</sup>, ball shaped, with seal
- FX 334x-EVA PC-Evaluation Software

## Technical specifications FX 3345 FlexAir

Measuring range (air permeability):	60 - 6,000 mm/s (12 - 1,200 ft <sup>3</sup> /ft <sup>2</sup> /min) at 5 cm <sup>2</sup> 15 - 1,500 mm/s (3 - 300 ft <sup>3</sup> /ft <sup>2</sup> /min) at 20 cm <sup>2</sup>
Test pressure:	20 - 500 Pa
Measuring range (pressure drop):	20 - 500 Pa
Air velocity:	0.060 - 6.0 m/s (12 - 1,200 ft/min) at 5 cm <sup>2</sup> 0.015 - 1.5 m/s (3 - 300 ft/min) at 20 cm <sup>2</sup>
Test areas:	5 and 20 cm <sup>2</sup>
Units of measure:	mm/s, l/m <sup>2</sup> /s, l/dm <sup>2</sup> /min, cm <sup>3</sup> /cm <sup>2</sup> /s, ft <sup>3</sup> /ft <sup>2</sup> /min, m <sup>3</sup> /m <sup>2</sup> /s, m <sup>3</sup> /m <sup>2</sup> /min, m <sup>3</sup> /m <sup>2</sup> /h and Pa (pressure drop)
Measuring accuracy:	± 3 % of the displayed value
Length of measuring hose:	150 cm (59")
Data port:	USB 2.0
Power requirements (for battery charging):	100 - 240 VAC, 50 - 60 Hz, 100 W
Dimensions (w x d x h):	16 x 34 x 25 cm
Net weight:	3.5 kg (7.7 lbs)

Technical data are subject to change

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