Testing apparatus PA-SW

Brief description:

- for determination of airflow resistance from materials for acoustical applications, insulating building materials and other porous materials according to EN 29053
- precise determination of airflow resistance, using method A, EN 29053
- posibility for exact adjustment of a laminar airflow without pulsating in a range < 0,5 x 10-3 m/s
- high accurate measuring of differential pressure in a range < 0,1 Pa
- Pholding vessels and fixtures for various testing samples, like panels, loose fibrous materials, porous foils, cylindrical and ring-shaped testing samples

Technical data:

Components of apparatus:
- measuring device
- holding table with sample holder and filter
- holding element for ring-shaped and flat samples
- holding vessel for cylindrical samples and loose fibrous
- ejector for samples

Rated voltage:	230 V AC 50/60 Hz
Rated consumption:	15 W

Dimensions (W x H x D):
approx. 600 mm x 550 mm x 600 mm

Measuring ranges:

Differential pressure:	± 20 Pa
Display accuracy:	0,01 Pa
Flow through:	6 to 60 l/h

Sample geometry:

Cylindrical samples:	
Thickness:	0 to 250 mm
Diameter:	100 mm
Flat samples:	
Thickness:	0 to 100 mm
Ring-shaped samples:	
Thickness:	0 to 100 mm
Interior ø:	100 mm
External ø:	150 mm

Signal output diff. pressure:
0 bis 2 V DC

Options:
Parameters of the apparatus are adaptable for customer´s order (for example various sample holdings)

Tel.: +49 (0) 36 77 46 12 - 0
info@etg-ilmenau.de
www.etg-ilmenau.de

Laboratory Devices for Automated Sampling