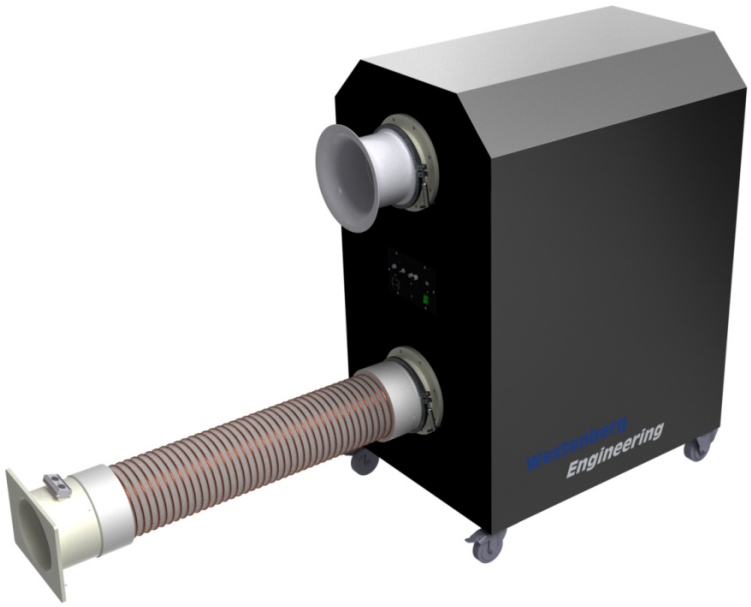
Westenberg
Wind Tunnels
& Measurement Systems

Flow Measurement System FMS 490



Description:

Mobile volume flow measurement system to measure a controlled volume flow (or mass flow). Ability to measure in suction mode (negative pressure) or blowing mode (positive pressure).

Purpose:

- Creation and measurement of a positive or negative pressure to a device under test
- Body-Leackage tests
- Measurement of system curves (fan characteristics and the like)

Technical Data:

Diameter of hose:	200 mm
Length of hose:	3,000 mm or 5,000 mm (others are possible on demand)
Measuring range:	40 l/s to 490 l/s at 20°C and 1,013 mbar
Accuracy:	1.3 % of reading value
Measuring principle:	Differential pressure method at a Venturi Nozzle with 4 dp Sensors (25 Pa, 100 Pa, 400 Pa, 1,600 Pa)
Measuring range pressure:	3 dp Sensors (±100 Pa, ±400 Pa ± 1,600 Pa)
Power supply:	230 V / 50 Hz
Fan power:	750 W
Dimensions (BxHxT): (without hose)	930 x 1500 x 1,000 mm

Technical data are subject to change!

Dipl.-Ing. John B. Westenberg VDI

ID NR.: DE 123095870

Büro / Labor
Vitalisstraße 100
50827 Köln

Fon +49(0)221 9 58 32 32
Fax +49(0)221 9 58 32 33

E-mail: info@westenberg-engineering.de
Internet: www.westenberg-engineering.de