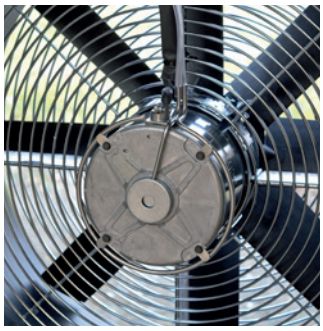
BlowerDoor GmbH
MessSysteme für Luftdichtheit

Minneapolis
BlowerDoor Standard | BlowerDoor MiniFan

Minneapolis BlowerDoor measurement systems are characterized by maximum accuracy and outstanding durability. Due to the modular design, all system components can be combined, which ensures universal use and a long service life. Minneapolis BlowerDoor measurement systems are delivered with a calibration certificate and a four-year product warranty. The intuitive TECTITE Express measurement software is included. With specific additional components, BlowerDoor measurement systems can also be successfully used to solve other tasks.

BlowerDoor Standard

With a measuring range of 19 to 7,200 m³/h and the ability to combine several systems (BlowerDoor MultipleFan), the BlowerDoor Standard measuring system can be used universally to measure airtightness in new buildings and in the renovation of existing buildings. It is suitable for use in all building types and sizes.



BlowerDoor MiniFan

The BlowerDoor MiniFan measuring system was specially designed for measuring very tight buildings, individual apartments or for airtightness testing of research and laboratory buildings (clean rooms). Its measuring range covers 5 to 2,300 m³/h, and the weight of the handy measuring fan is a light 2.7 kg.

With the pressure gauge DG-1000 and the software TECTITE Express, the BlowerDoor measurement is carried out with highest accuracy automatically, semi-automatically or manually on the laptop according to ISO 9972 and EN 13829. When performing quality assurance tests, the BlowerDoor fan is controlled directly from the DG-1000 and a 1-point test is conducted to detect leakages.

Technical Data

Minneapolis BlowerDoor Standard

Capacity: 19 – 7,200 m³/h at 50 Pa
Power supply: 220 – 240 V, 50 Hz, nominal output < 600 W, max. power consumption 3.7 A
Measuring accuracy: With open fan, rings A – C (flow rate approx. 80 – 7.200 m³/h) ± 4 % of the reading. With rings D – E (flow rate approx. 19 – 80 m³/h) ± 5 % of the reading or ± 1.7 m³/h (whichever is greater)
Dimensions and weights:
Fan: Ø approx. 610 mm, approx. 15 kg
Speed controller: 103 × 207 × 62 mm (L × W × D), approx. 1.7 kg
Gauge board: 260 × 224 × 6 mm (L × W × D), approx. 0.5 kg

Minneapolis BlowerDoor MiniFan

Capacity: 5 – 2,300 m³/h at 50 Pa
Power supply: 220 – 240 V, 50 – 60 Hz, nominal output 240 W, max. power consumption 3.0 A
Measuring accuracy: With open fan, rings 1 – 3 ± 4 % of the reading or ± 1.7 m³/h (whichever is greater). With ring 4 ± 4 % of the reading or ± 0.9 m³/h (whichever is greater)

Dimensions and weights:
Fan: Ø approx. 345 mm, approx. 2.7 kg
Speed controller: 103 × 207 × 62 mm (L × W × D), approx. 1.7 kg
Gauge board: 260 × 224 × 6 mm (L × W × D), approx. 0.5 kg

Mounting frame standard size: Dimensions from W 0.71 – 1.14 m to L 1.32 – 2.43 m, incl. lower and middle cross bars, weight approx. 7 kg, special dimensions on request

Panel standard size: BlowerDoor panel with one opening, zipper and viewing window

Information about the DG-1000 and the TECTITE Express software please see data sheet DG-1000.

Scope of delivery

Minneapolis BlowerDoor Standard

BlowerDoor fan with flow rings A – E / digital pressure gauge DG-1000 with transport bag / accessory bag incl. fan cover, BlowerDoor panel (standard size), fan speed controller incl. gauge board, reference guide, software TECTITE Express 5.1, tube set incl. T-piece, capillary tube, calibration certificate for the DG-1000 and for the BlowerDoor fan / BlowerDoor mounting frame (standard size) incl. transport bag

Minneapolis BlowerDoor MiniFan

BlowerDoor fan with flow rings 1 – 4 and flexible connecting trim / digital pressure gauge DG-1000 with transport bag / accessory bag incl. fan cover, BlowerDoor panel (standard size), fan speed controller incl. gauge board, reference guide, software TECTITE Express 5.1, tube set incl. T-piece, capillary tube, calibration certificate for the DG-1000 and for the BlowerDoor fan / BlowerDoor mounting frame (standard size) incl. transport bag

4-year warranty
on the entire Minneapolis BlowerDoor measurement systems!

BlowerDoor GmbH | **MessSysteme für Luftdichtheit**
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