BlowerDoor GmbH
MessSysteme für Luftdichtheit

Minneapolis BlowerDoor

Measuring Systems for Airtightness

Ensuring energy efficiency

Protection against convective moisture damage

Optimized sound protection

Avoidance of drafts

Improved indoor air quality

Prerequisite for fire protection with extinguishing gases

Securing the function of ventilation systems

Airtight building and renovation

The building airtightness has been state of the art since the late 1970s and is now indispensable for the realization of modern energy concepts and quality assurance in construction, both in new and existing buildings.

The advantages of airtight construction are remarkable: Leakages in the building envelope increase ventilation heat losses. Moisture penetration into the building structure can lead to serious structural damage. Allergens and dust particles can enter the indoor air through leaks, and living comfort can be reduced by drafts.

BlowerDoor 4 you

The BlowerDoor test is used to check whether the airtight building envelope meets the requirements. If there are any leaks, they can then be professionally reworked.

The BlowerDoor test is recommended

1 | for quality assurance during the construction phase

2 | as a final measurement after completion of the construction process

3 | before expiry of the warranty

4 | in existing buildings before renovation or for damage analysis

Minneapolis BlowerDoor
The market-leading airtightness measuring system

From clean rooms to high-rise buildings: With two fan sizes and the ability to combine multiple systems, the Minneapolis BlowerDoor is predestined for measuring airtightness in all building types and sizes.

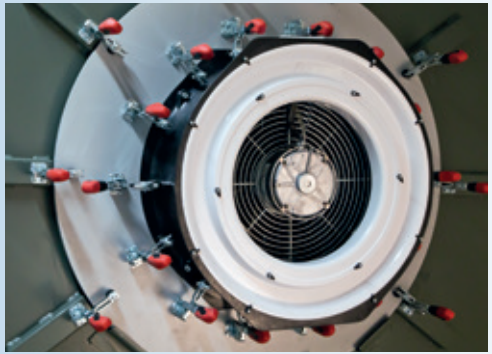
The measurement systems are characterized by outstanding accuracy and durability. The BlowerDoor test for quality assurance is software-based, as is the measurement according to ISO 9972. Optionally, a semi-automatic or manual BlowerDoor measurement can be performed.

Come together
BlowerDoor Standard | BlowerDoor MultipleFan

The BlowerDoor Standard system with a measuring range of 19–7,200 m³/h was developed for use in new construction and renovation of residential and commercial buildings. If very large residential and administrative buildings or industrial and warehouse buildings are measured, the measuring system can easily be expanded to the BlowerDoor MultipleFan system thanks to its modular design.

True greatness
BlowerDoor MiniFan

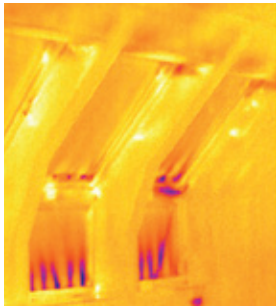
Air change rates of 0.6 and better are quite usual today. The BlowerDoor MiniFan system was specially designed for measuring very tight buildings, individual apartments or for testing the airtightness of research and laboratory buildings (clean rooms). Its measuring range is 5–2,300 m³/h, and the handy measuring fan weighs an amazingly light 2.7 kg.



Calibration of the BlowerDoor measuring systems

BlowerDoor measuring systems have an exceptionally high measurement accuracy that significantly exceeds the minimum legal requirements. The calibration is performed on our own, predominantly accredited calibration stands and is subject to high quality standards.

Manufacturer’s calibrations and calibrations with DAkkS certificate are offered for both the pressure gauges and the BlowerDoor measuring fans. Part of each calibration is a previous comprehensive functional test of the measurement technology and, if necessary, also an adjustment.

Additional applications

With specific add-on components, Minneapolis BlowerDoor measuring systems are also successfully used to solve other tasks.

Proven add-ons are, for example, the determination of extinguishing gas holding times with the BlowerDoor FireProtection software, the leakage testing of ventilation ducts and the component testing with the Minneapolis Micro Leakage Meter, Bau.Tools BlowerDoor for the all-season sequential analysis by means of BlowerDoor and thermography as well as testing the air permeability of windows with the Window and Door Measurement System.

Measurement technology for airtightness
The competence of BlowerDoor GmbH

Since 1989, the BlowerDoor GmbH team, supported by an international network of partners, has been providing competent and dedicated service to its customers in over 30 European countries.

Minneapolis BlowerDoor measuring systems are market leaders in Germany today and are among the most successful airtightness measuring devices worldwide. They are characterized by outstanding accuracy and durability. The modular design allows the combination of different system components and universal use in all residential and commercial buildings.

PRODUKT
DES JAHRES 2021
★★★★★
hauslec.de

30 years of BlowerDoor

Started as a pioneer in the 1980s, BlowerDoor GmbH is now an internationally sought-after expert in all aspects of airtightness. Customers in many parts of Europe benefit from qualified consulting and the distribution of state-of-the-art measurement technology. The calibration of the measuring systems, an extensive range of seminars and the continuous further development of hardware and software are services for which our customers appreciate us.

Energy saving, energy efficiency and sustainability for a future worth living are concerns for which we are strongly committed. For many years, we have been supporting different institutions and projects with conviction and passion.

I am more interested in the future than in the past, because the future is where I intend to live.

Albert Einstein

Our offer to you

- Qualified consulting and sales
- Contact person on-site through international partner network
- Calibration of the measuring systems with DAkkS certificate on request
- Seminars and workshops
- On-site and online support
- Consulting for individual special measurements
- BlowerDoor for rent
- Free technical support
- Use of the CompetenceCenter
- International measurement team directory

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