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BlowerDoor GmbH:
Measuring Technology for Airtightness

The modern training center philbus on the premises of the Energie- und Umweltzentrum in Springe-Eldagsen (Germany)

Today Minneapolis BlowerDoor Measuring Systems are market leaders in Germany and rank among the most successful measuring devices for airtightness worldwide.

Founded in 1999, from our premises in Springe-Eldagsen we provide competent and friendly service to our customers in more than 30 European countries.
The arguments of a Market Leader

- Complete product range for airtightness measurements
- Modular equipment for universal use
- Calibration: the highest accuracy in the market
- New developments
- Know-how and Training
- Free technical support and after sales service
- 4 years warranty

Product Range: The Minneapolis BlowerDoor

- Minneapolis BlowerDoor MiniFan (on development)
- Minneapolis BlowerDoor Standard
- Minneapolis BlowerDoor MultipleFan
**Product Range: Software and Applications**

**Window and Door Measurement System**
Joint permeability of building components. Windows and doors can be classified in accordance with EN 12207.

**Software TECTITE Express**
With the pressure gauge DG-700 and the software TECTITE Express, conduct highly accurate automated BlowerDoor tests in accordance with EN 13829.

**Software TECLOG MultipleFan**
Simultaneous control of all BlowerDoor fans. Display of airflow rate in real time. Recording of several building pressure testing in very large buildings with a complex floor plan.

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**Product Range: Leakage Detection**

**HandFogger**  
**SlightFogger**

**PowerFogger**  
**HeavyFogger**

**Infrared Camera**  
**Testo 425**
Modular Equipment for Universal Use

Our Measurements Systems are flexible and easy to be upgraded

Accuracy

1. Manufacturer’s Calibration

Measuring range: -1,250 Pa to +1,250 Pa

Accuracy: ±1% of reading or 0.15 Pa (the higher value is valid)

All possible configurations are separately calibrated.
Open fan and rings A-C: ±4% of the mean. Ring D and ring E: ±5% of the mean or 1.7 m³/h (the higher value is valid).

2. Design of BlowerDoor Fan

The structure of the set of five flow rings, with one aperture each, is particularly beneficial to the accuracy.
New Developments

New Software: Bau.Tools BlowerDoor
New System: BlowerDoor MiniFan (on development)
New Feature: WiFi
New App: iTEC-700

Bau.Tools BlowerDoor

- Use of thermography year-round: Only temperature differences of 1-2 Kelvin between inside and outside are needed.
- Bau.Tools BlowerDoor activates the BlowerDoor system for a very short time and records several thermograms generated by the FLIR camera.
- For exact detection of leakages, the thermograms will be compared by subtraction. The differential image shows only the differences between the first and the last thermogram of a sequence.
BlowerDoor WiFi

All Minneapolis BlowerDoor Measurement Systems are delivered on request with WiFi-Link for wireless data transmission.

- No need to buy a new gauge: the WiFi Link attaches to any DG-700 and creates a wireless network.
- The network can be picked up by any computer or mobile device with WiFi capability.
- Monitor and control the DG-700 gauge from anywhere in the house!

iTEC-700

- Connect and use the iTEC-700 App with the WiFi Link
- iTEC-700 to control the Minneapolis BlowerDoor Fan: Cruise Control (to for example 50 Pa)
Extended Warranty and After Sales Service

- We add to the extremely durable BlowerDoor equipment our Extended Warranty of 4 years!!

- We offer the customers a free technical support and after sales service in several languages (German, English, French, Spanish and the languages from our resellers).

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www.blowerdoor.com

- Read and download the last information and photos from our Product Range
- Check our Training Offer
- Discover our Calibration Service
- Visit our Competence Centre
- Find our Business Partners and Testing Teams
- Register in our Newsletter
- Keep you updated with our last News
- Etc.
The BlowerDoor GmbH Team would like to thank you very much for your attention!!

BlowerDoor Guinness Record Measurement
Erfurt (Germany)