



BlowerDoor GmbH

MessSysteme für Luftdichtheit

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BlowerDoor GmbH
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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)**

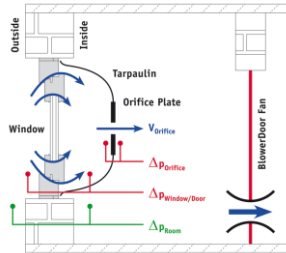


**Minneapolis BlowerDoor
Standard**



**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 air flow rate in real time. Recording of several building pressure testing in very large buildings with a complex floor plan.

Product Range: Leakage Detection



HandFogger



SlightFogger



Infrared Camera



PowerFogger



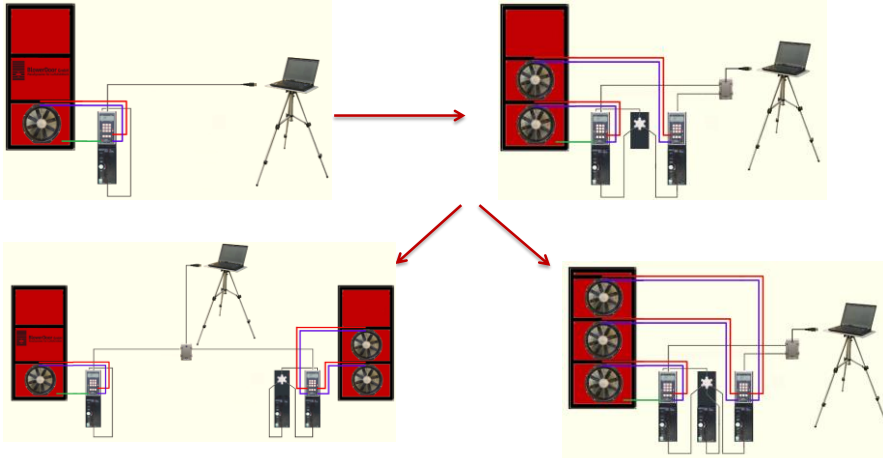
HeavyFogger



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: $\pm 1\%$ of
reading or 0.15 Pa (the
higher value is valid)

**All possible configurations
are separately calibrated.**

Open fan and rings A-C: $\pm 4\%$
of the mean. Ring D and ring
E: $\pm 5\%$ of the mean or 1.7
 m^3/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

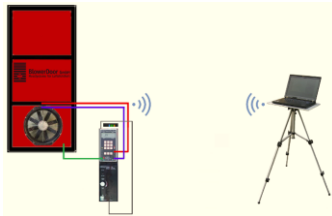
Bau.Tools BlowerDoor



- 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).

Contact
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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)*