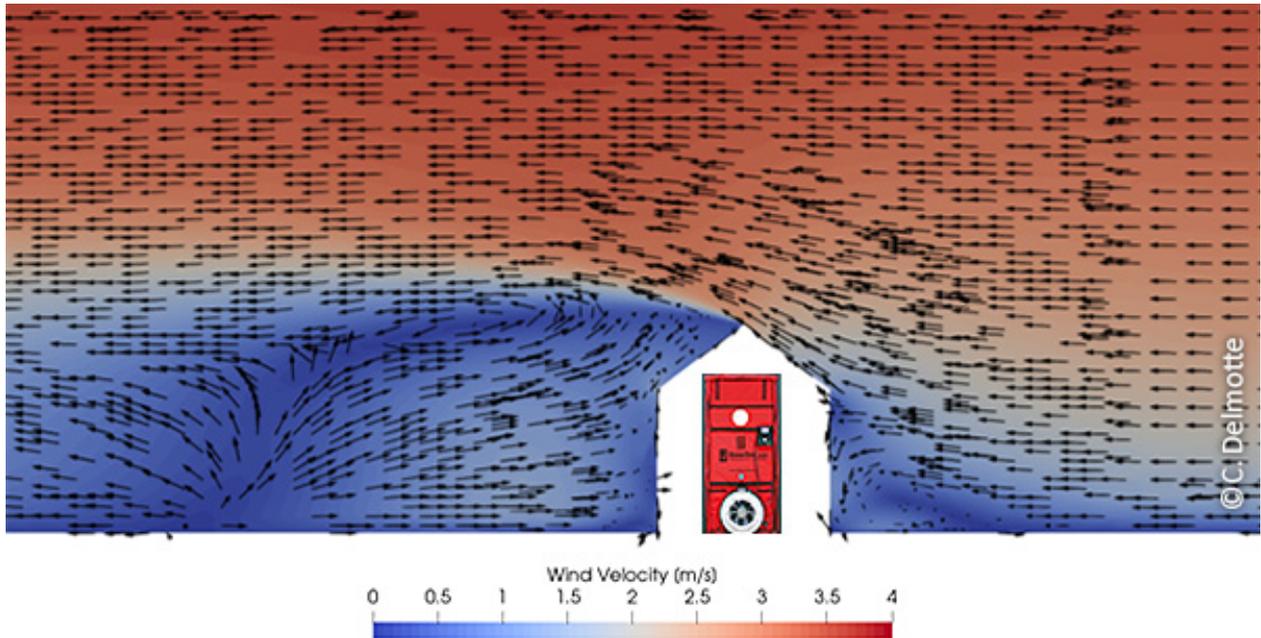




## First BlowerDoor measurement on the Ariane 6 launcher

In November, the first airtightness test was carried out on the Ariane 6 upper stage at ArianeGroup in Bremen/Germany. Using the BlowerDoor MiniFan, the DG-1000 pressure gauge and the TECLOG4 software, the required tightness of the envelope was successfully demonstrated. The upper stage of Ariane 6 is 11.6 meters high, has a diameter of 5.4 meters and an internal volume of approximately 265 m<sup>3</sup>. The upper stage envelope requires a defined tightness - it must not be too leaky, but also not too tight. The measured leakage rate must be within a certain range, and the accuracy of the measurement must be < 5%. Since the preliminary tests with the BlowerDoor MiniFan measuring system and the DG-1000 on a specially designed test stand showed good results ([we reported](#)), the air tightness measurement could be realized in November in Bremen.

[read more](#)



## The BlowerDoor measurement in wind

Air flows due to wind are irregular and cause pressure fluctuations on the building. Overpressure occurs on the side of the building exposed to the wind, while suction occurs on the side away from the wind. These fluctuations also influence the BlowerDoor measurement. The higher the wind speeds, the greater the fluctuations and the greater the influence on the measurement: the measuring points of the measurement series scatter more strongly, the control of the measuring device becomes more difficult. How can measurements still be taken in windy conditions and up to what wind speed is a measurement still useful?

[read more](#)

Promotion

TOUCH ME NOW!

ETEC

DG1000

Pressure (Pa) -50,0

n50 (L/s) 0,97

PRODUKT DES JAHRES 2021

★★★★★

haustec.de

Because you are worth it: 300.- € for your DG-700 when buying a DG-1000!

Almost a perennial favorite: The trade-in promotion starts again on February 1! Until April 15, you will

receive 300.- EUR from us for your DG-700 (no matter how old and what condition), if you decide to buy a DG-1000 in the promotion period. The current software TECTITE Express 5.1 for BlowerDoor measurements also according to EN ISO 9972 and the reporting software BlowerDoor Report are included, as well as a current calibration certificate.

With the introduction of the EN ISO 9972, higher requirements apply to the accuracy of pressure measuring devices for airtightness measurement. **The DG-1000 pressure gauge** even tops these requirements with a measuring accuracy of 0.9% and delivers reliable measuring results with maximum precision. BlowerDoor customers appreciate the innovative pressure measuring device for its outstanding functionality and user-friendliness: they voted it 3rd place in the haustec reader poll in the category Building Envelope General.

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### New: Panel with zipper for the measuring system BlowerDoor MiniFan

Long available and proven for the BlowerDoor Standard measuring system is the panel with zipper, which is now also available for the BlowerDoor MiniFan measuring system. It facilitates the assembly of the measuring system as well as the change of the rings during the overpressure measurement.

Available in our [store](#)

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Time is money? Not with us!

We are again offering **numerous webinars** in the new year. New is the extended webinar duration of 90 minutes - we take time for your feedback and questions! The price of 0.- EUR has remained, because we offer our webinars free of charge for you again this year. Also free of charge remains our technical support and our competent advice on BlowerDoor measurement technology. We look forward to exchanging ideas with you!



## Next dates

### Calibration

The next dates for delivery and calibration of the BlowerDoor fans are 07/02/2022 and 07/03/2022.

**Registration** is requested

### Webinars

26/01/2022 BlowerDoor measurement in large buildings

09/02/2022 BlowerDoor measurement in residential buildings

**more information**

Seminars

24/02/2022 BlowerDoor measurement according to EN ISO 9972

[more information](#)

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## BlowerDoor Newsletter



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