

WÖHLER

FAST. SAFE.

COMPETENT.



Wöhler BC 600 Blower Check

The comprehensive solution for your blower door measurement



Wöhler BC 600 Blower Check

Fully automatic airtightness check of the building envelope

A new, time-saving installation concept and an innovative measuring method allow carrying out airtightness tests on buildings as easily and accurately as never before. Use the possibilities of the most up to date technology and enjoy the benefits of a completely automatic measuring process.

The times of heavy dragging, exchanging flow rings and technology from previous decades are over. The Wöhler Blower Check tackles the annoying aspects of blower door measurement and gets them out of the way. Flow rings for different flow rates as well as the time-consuming adjustment of the fan in order to carry out a measurement in both pressure ranges are no longer necessary. After a short installation, the Wöhler BC 600 is able to carry out all the required measurements by itself. So you get even more accurate results in even less time! Unlike other systems, it can also be installed in a window frame. This not only ensures that you no longer have to drag a frame along, but also that all doors can be measured directly. If you like to measure the conventional way, you can of course also use the BC 600 in our optional door frame.

Once inserted into a frame with the innovative clamp system, the whole measurement is controlled via tablet or mobile phone – completely wireless! Let our app guide you comfortably through the measurement process and be sure that it reminds you of every necessary action. The app is always up to date, free of charge and displays all measurement data conveniently via Wireless LAN transmission from the BC 600. Move freely around the house and perform measurements as accurate as never before!

Our instrument can also be operated without an app if you want to carry out a simple leakage test. The device automatically regulates the desired differential pressure.

The guidelines according to ISO 9972, EN 13829 and other country-specific standards are stored in the app and the user can easily select the relevant directive. In this way the leakage limit values are set automatically. Alternatively, you can also define your own limit values. Once the measurement is finished, you can send the individually customizable measurement report directly to your customer via app.

Innovative, accurate and time-saving – that is the Wöhler BC 600 Blower Check.



Easy to transport



Special clamp system



WiFi



Wöhler BC 600 App



Printout on site



Door & window frame



Innovative and time-saving installation: No additional frame required for typical installation situations. Quick assembly due to practical clamp system - even in round or inclined window frames.



The telescopic rod stabilizes the Wöhler BC 600 in the door or window frame.

Advantages

- ▶ Innovative and time-saving installation concept – for windows and doors
- ▶ Fully automatic measurement sequence according to ISO 9972 / EN 13829 and country-specific standards
- ▶ Blower fan automatically changes direction for negative and positive pressure measurements; no need to alter the setup during the test
- ▶ Large air flow range 15 m³/h to 6.000 m³/h without additional orifices or flow rings
- ▶ Integrated temperature, absolute pressure and relative humidity measurements included
- ▶ Intuitive control per app incl. evaluation, report generation and customer management

Technical data

Differential pressure

Measurement range:	-100...100 Pa
Resolution:	0,1 Pa
Accuracy:	±0,25 Pa (< ±25,0 Pa) sonst 1 % of measurement

Air flow rate at 50 Pa (extrapolated)

Measurement range:	15...6.000 m³/h
Resolution:	0,1 m³/h
Accuracy:	±5 % or 1,5 m³/h (the higher value applies)

Air temperature

Measurement range:	-20...50 °C
Resolution:	0,1 °C
Accuracy:	±0,5 °C

Absolute pressure

Measurement range:	300...1.200 hPa
Resolution:	0,1 hPa
Accuracy:	±3 hPa

App

Supported operating systems:	Android (from 7.0) iOS (from 6.1) Windows
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Other min. requirements:	Wireless LAN
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Application

- ▶ Fully automatic Blower Door measurement
- ▶ Determine airtightness of building envelopes according to EN ISO 9972 / EN 13829 / country-specific standards
- ▶ Search for leaks in building envelope
- ▶ Detection of construction flaws
- ▶ Demonstration of construction quality

Functionality

- ▶ Innovative setup concept for doors and windows – user-friendly handling
- ▶ Complete measurement, evaluation and documentation on site
- ▶ Fully automatic performance of measurement series according to EN ISO 9972 / EN 13829 / country-specific standards
- ▶ Perform series of negative and positive pressure measurements without turning around the blower fan
- ▶ Search for leaks by using intuitive direct control elements on the device
- ▶ Data transmission to mobile device via Wireless LAN
- ▶ Large flow range 15 to 6.000 m³/h without additional orifices or flow rings
- ▶ Automatic generation of PDF measurement certificate & sending via app

Safety / Reliability

- ▶ Wide measuring range
- ▶ Precise measurement with configurable test report
- ▶ Updates possible at any time with just a few clicks

Data management

- ▶ Data transmission to app by Wireless LAN
- ▶ Store all customer and measurement data in the app

Characteristics



Fully automatic measurement sequence according to DIN EN ISO 9972 or DIN EN 13829 in the entire volume flow range from 15 – 6,000 m³/h without orifice plate change and overpressure and underpressure measurements without fan conversion.



The fan unit is controlled via the Wöhler BC 600 app, which is simply downloaded to a smartphone, tablet or laptop (Android, iOS or Windows).

Wöhler BC 600 App

Instead of a heavy control unit, all you need is your smartphone or tablet. This allows you to control all measurements with the Wöhler BC 600, regardless of whether you are using a device with Android, iOS or Windows operating system. You can directly send the customizable test report conveniently by e-mail or Messenger service from the app to your customer.

- ▶ Full compatibility – compatible with Android, iOS and Windows
- ▶ Free app, no software to purchase
- ▶ Measurement sequence complies with currently valid standards
- ▶ Test report and certificate created in accordance to EN ISO 9972 / EN 13829
- ▶ Always up to date – fast, easy updates
- ▶ Windows Universal app for Windows PC or laptop



Basic set



**Wöhler BC 600
Blower Check**

		Wöhler BC 600 Blower Check
Application	Blower Door Test	●
	Search for leaks	●
Scope of delivery		
Wöhler BC 600 Blower Check		●
Capillary hoses (2 pcs.)		●
Clamps 220 mm (18 pcs.)		●
Clamps 120 mm (4 pcs.)		●
Telescopic rod		●
Sealing canvas 1,55 x 2,60 m		●
Cover hood		●
Connection cable 2,5 m		●
Transport bag & plastic case		●
Article no.		6440 J

● = included

Accessory sets



**Professional
sealing set**



**Door
frame**



**Door & window
frame**

	Professional sealing set	Door frame	Door & window frame
Min. space for installation (W x H)		0,80 x 1,35 m	0,80 x 0,90 m
Max. space for installation (W x H)		1,25 x 2,30 m	1,25 x 2,30 m
Scope of delivery			
Sealing plug (2 pcs.) for wastewater pipes Ø 40 / 70 / 125 / 160 mm	●		
Sealing plug (4 pcs.) 50 / 110 mm	●		
Sealing bladder set (2 pcs.) 70 - 150 mm	●		
Sealing tape transparent (1 roll) 50 m and fabric reinforced (1 roll) 66 m	●		
Valve set	●		
Air pump with various adapters	●		
Case	●		
Frame (4 pcs.) 675 mm		●	●
Frame (4 pcs.) 775 mm			●
Frame (4 pcs.) 1.200 mm		●	●
Carrying bag		●	●
Article no.	4810 J	5675 J	5671 J

● = included

WÖHLER

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