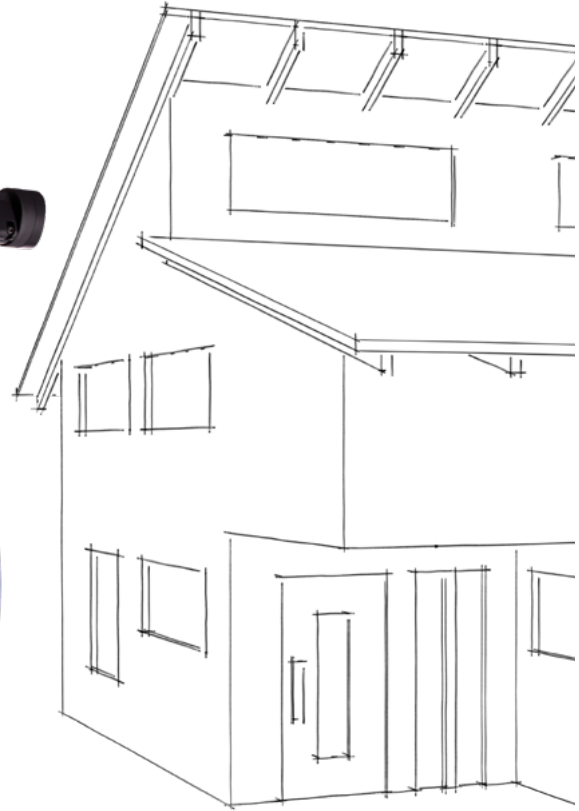


# WÖHLER



## WÖHLER BC 600 BLOWER CHECK

Wide measurement range, little effort.

*The Measure of Technology*

Made in Germany

# Wöhler BC 600 Blower Check

## Fully automatic airtightness check of 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. Thanks to an innovative measurement design, 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. The Wöhler BC 600 is able to carry out all required measurements after a short installation, 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 it 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 a 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 of course free of charge - goes without saying. It is therefore always up-to-date 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!

Of course, 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. Leakage limit values are thus 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 from the app.

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



- ▶ 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 m<sup>3</sup>/h to 6000 m<sup>3</sup>/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



**Convenient to carry**  
Just one walk and you have everything with you. Fifth floor? No problem!



**Control via App**  
Completely guided measurement thanks to the Wöhler BC 600 App - available on Android, iOS and Windows 10.



**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.



**Standard-compliant Blower Door Measurement**  
Measuring method according to ISO 9972, EN 13829 and common country-specific standards. Under- and overpressure measurement with flow rates up to 6000 m<sup>3</sup>/h without having to turn the fan unit.

## ✂ 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

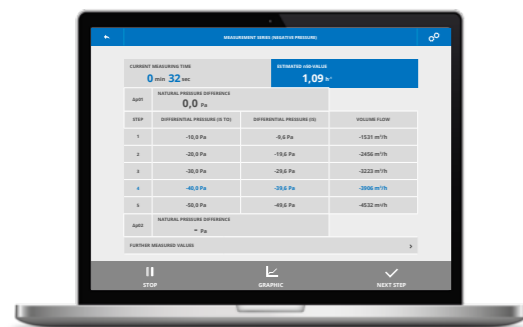
- ▶ Innovative setup concept for doors and windows – user-friendly handling
- ▶ Complete measurement, evaluation and documentation on site
- ▶ Fully automatic performance of measurement series according to EN ISO 9972 / EN 13829 / country-specific standards
- ▶ Perform series of negative and positive pressure measurements without turning around the blower fan
- ▶ Search for leaks 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



Technical Data		
Differential pressure	Measurement range	-100...100 Pa
	Resolution, display	0,1 Pa
	Accuracy	±0,25 Pa or 1 % of meas.
Air flow rate at 50 Pa (extrapolated)	Measurement range	15...6.000 m³/h
	Resolution, display	0,1 m³/h
	Accuracy	±5 % or 1,5 m³/h
Air temperature	Measurement range	-20...50 °C
	Resolution, display	0,1 °C
	Accuracy	±0,5 °C
Absolute pressure	Measurement range	300...1.200 hPa
	Resolution, display	0,1 hPa
	Accuracy	±3 hPa
App	Supported operating systems	Android (from 4.0.3) iOS (from 6.1) Windows 10
	Other min. requirements	Wireless LAN

## 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 10 operating system. You can then send the customizable test report conveniently by e-mail or Messenger service from the app to your customer.

- ▶ Cross-platform – Android, iOS and Windows 10 compatible
- ▶ 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 10 Universal app for Windows PC or laptop



Via Wireless LAN, the measured values can be sent to mobile terminals and further processed via app.



## Product features

Article no.

6440 J

**Wöhler BC 600  
Blower Check**

### Application

Blower Door Test	•
Search for leaks	•

### Measured values

Differential pressure	•
Absolute pressure	•
Volume flow	•
Temperature	•
Air humidity	•

### Instrument engineering

Wireless LAN	•
App (Android, iOS and Windows 10)	•

• = included

### Step 1

Attach sealing canvas to the fan unit.



### Step 2

Clamp telescopic rod of the fan unit into the window or door frame.



### Step 3

Fix sealing canvas with special clamps to the window or door frame.



## Basic set



**Wöhler BC 600  
Blower Check**

	Wöhler BC 600 Blower Check	
Scope of delivery	Wöhler BC 600 Blower Check	•
	2 capillary hoses	•
	18 clamps 220 mm	•
	4 clamps 120 mm	•
	Plastic case	•
	Telescopic rod	•
	Sealing canvas 1,8 x 2,8 m	•
	Cover hood	•
	Connection cable 2,5 m	•
	Transport bag	•
	Article no.	6440 J

## Accessory sets

for Wöhler BC 600 Blower Check



**Professional  
Sealing set**

**Door  
Frame**

**Door & Window  
Frame**

	Professional Sealing set	Door Frame	Door & Window Frame
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

# Order Form

Product	Article no.	Qty.

**Notes**

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Billing address / customer		Delivery address (if different to billing address)								
Company	_____	Company	_____							
Name	_____	Name	_____							
Street / house no.	_____	Street / house no.	_____							
ZIP code / City	_____	ZIP code / City	_____							
Country	_____	Country	_____							
Telephone	_____	Fax	_____							
Mobile	_____	E-Mail	_____							
Customer number	<table border="1"> <tr> <td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td> </tr> </table>									
Date	_____	Signature or company stamp	_____							

**Your contact**

**WÖHLER**

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