

**CAN WITHSTAND  
ANY PRESSURE**



## **Wöhler M 603 Leakage Tester**

Testing for stress, leak tightness, and usability



# Wöhler M 603 Leakage Tester

Testing for stress, leak tightness, and usability

As a professional, it is crucial to have a reliable device that enables you to measure in compliance with regulations and standards. The Wöhler M 603 Leakage Tester is not only DVGW-certified (a recognised German standard in the gas and water supply industry), but also TÜV-tested, ensuring that your measurements meet the requirements of all clients, including suppliers. By investing in this single device, you are making a sustainable choice and can confidently perform all tests in accordance with TRGI 2018 (a German guideline for gas pipeline construction and operation), DIN EN 806 (drinking water), and DIN EN 1610 (waste water). These tests can be conducted quickly and effortlessly, thanks to the automatic measurement sequence that guarantees simplicity, compliance, and error-free results. Moreover, this device can also be used alongside an additional locator to accurately locate metallic pipes. With its versatility and durability, this device is perfect for a wide range of applications and will serve you for many years to come.

### Simple and safe measurement

Technical details ensure that the tests are completed much faster than before, while still maintaining adherence to standards. With the Wöhler Leakage Tester, gas pipes can be automatically inflated up to a test pressure of 300 hPa using the built-in pumps. This eliminates the need for an external pump when conducting measurements with low test pressure, such as leak tightness and usability tests on gas pipes. If desired, the menu will guide you through the entire test automatically. The device takes into account the specifications of the applicable directive or standard and independently evaluates the results, minimising the possibility of errors. The large display with a fast and sensitive touch feature provides added convenience during work.

### Wide measuring range

The Wöhler M 603 Leakage Tester is perfect for measuring air in drinking water pipes according to DIN EN 806. It has a pressure measuring range of up to 3,000 hPa. If you add the Wöhler SC 660 Smart Connect, the range extends to 60 bar, allowing pressure tests on water pipes with water. The Wöhler SC 660 can easily connect to the Wöhler M 603 via Bluetooth® and has its own display for independent pressure and temperature measurements. You can also use the Wöhler Smart Connect App with the SC 660, which you can download for free on your mobile device. It's a convenient way to control multiple measurements.



HD touchscreen



Infrared



Bluetooth®



Automatic measurement



TÜV-tested



Smart Connect App



USB stick



With the appropriate connection accessories, the newly installed gas pipe is simply pressurised with the test pressure for the stress test (1,000 hPa).



A separate menu item ensures that the functionality of the gas regulator can be tested in a few minutes.

## Advantages

- ▶ Easy to use with a 5" touchscreen display
- ▶ Fully prepared – A wide range of accessories available for every pressure test
- ▶ Measurements that meet the standard requirements thanks to automated measurement sequences equipped with built-in pumps
- ▶ One investment many applications – all leakage tests on gas, drinking water and waste water pipes
- ▶ Optional measuring range extension up to 60 bar and further additional modules through wireless connection technology

# Technical Data

## Display

5" Colour touchscreen

## Differential pressure

Measuring range:	±3,000 hPa
Accuracy:	< 3 % of measured value in the range < ±2 hPa better than ±0.06 hPa
Resolution:	0.01 hPa in the range -210...210 hPa otherwise 0.1 hPa

## Leakage rate

Measuring range:	0...10 l/h up to 8 l/h approved
Accuracy:	±0.2 l/h in the range 0...4 l/h otherwise 5 % of measured value
Resolution:	0.1 l/h

## Internal temperature measurement

Measuring range: -20...60 °C

## Logger function

Scope:	9.999 measurements
Selectable Sampling intervals:	1 s up to 24 h

## Power supply

Lithium-ion battery: 17 h service life

## Application

- ▶ Measurements of gas pipes and components
  - Stress, leak tightness and usability measurement tests
  - Gas regulator test
- ▶ Measurements of drinking water pipes according to DIN EN 806
  - with air
- ▶ Logger measurements
- ▶ Localisation of metallic pipes with Wöhler L 200 Locator
- ▶ Many other pressure and temperature measurements

## Data management

- ▶ Data management on a PC via the Wöhler M-Series PC software
- ▶ Data management on a mobile end device via the Wöhler Smart Connect App

# Special Features



Prior to conducting the leak tightness test on wastewater pipes in accordance with DIN EN 1610, the test sections are sealed using bladders.



The temperature clamp probe can be used to determine the pipe temperature.

# Enhancing the measurement range through smart technology

The Wöhler M 603 Leakage Tester is designed to easily measure drinking water pipes with air, following the DIN EN 806 standards. It has a pressure measuring range of up to 3 bar, ensuring accurate results. Additionally, by using the Wöhler SC 660 Smart Connect, you can extend the range to an impressive 60 bar. This small device can be connected to the Wöhler M 603 via Bluetooth®, allowing for seamless communication. Moreover, the Wöhler SC 660 can also be used independently for pressure and temperature measurements. To enhance your experience, you have the option to download the Wöhler Smart Connect App for free on your mobile device. This app enables you to conveniently control and monitor various measurements.



# Basic Set



Wöhler M 603  
Leakage Tester

Measurements on gas pipes and components	•
Measurements on drinking water pipes according to DIN EN 806	•
Measurements on waste water pipes according to DIN EN 1610	•
<b>Scope of delivery</b>	
Wöhler M 603 Leakage Tester	•
Lithium-ion battery	•
Hand strap	•
Measuring tube 1.5 m	•
Power supply with USB Cable	•
Article no.	11377 J

• = included

# Accessory Sets



Basic-Set  
Gas

Comfort-Set  
Gas

Professional-Set  
Gas

Scope of delivery	Basic-Set Gas	Comfort-Set Gas	Professional-Set Gas
Plastic Case MIDI	•		
Plastic Case MAXI		•	•
Gas pipe leak test set		•	•
High pressure plug 1/2" and 1" with gasket rings		•	•
High pressure plug 3/8" & 3/4" with gasket rings		•	•
High pressure plug 1 1/4" with plug nipple MAXI (2 pcs.)		•	•
Pressure Measurement Set	•	•	•
Flex-Adapter gas regulator	•	•	•
Adapter gas counter		•	•
Gas bladder			•
Wöhler M-Series PC software			•
Wöhler GS 300 Gas Sniffer			•
Wöhler TD 100 Thermal Fast Printer			•
Article no.	12115 J	12114 J	12113 J

• = included



Scan the QR code and find out more!

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