

WÖHLER

**ROBUST
SIMPLE**



Wöhler A 550 Combustion Analyzer

Flue Gas Analysis at the tip of a finger



Made in Germany



Wöhler A 550 Combustion Analyzer

The high-end measuring device

Large 7" touch display, robust workmanship and equipped with all the technical finesse. This is the combustion analyzer for anyone who doesn't want to compromise. With the Wöhler A 550, you are already equipped for all future applications.

The Wöhler A 550 is a "bright head" in two aspects: The individual functions can be called up as intuitively as on a smartphone via the large 7" touch display and the brightly lit monitor is easy to read everywhere. The generous screen and the clear, partly graphical display of values are ideal for discussions with customers.

Recording the measured values is very simple. Equipped with magnets, you can attach the device securely to the housing of the boiler, leaving your hands free to work. The probe has an additional start/stop button that can be used to start or stop the measured values - particularly practical for measuring locations that are difficult to access. There are plenty of interfaces for transferring data to other management programmes (USB, infrared and WLAN). The Wöhler TD 100 Thermal Fast Printer can also be used to print out the values on site so that the customer can hold them directly in their hand in black and white.

The measurement results can be easily sent to any smartphone or tablet via the Wöhler Flue Gas Analysis App. You can start and stop the measurement via your end device. This is particularly practical for measuring points that are difficult to access. The measurement data is displayed on the smartphone or tablet either as numerical values or graphics. There they can be saved in various formats and sent by email or with an app.





48 months warranty¹⁾



Robust housing



CO sensor up to 100,000 ppm



NO sensor 3,000 ppm¹⁾



Burner setting aid



5 Filter technology



Infrared



USB



Printout on site

¹⁾ Thermocouples, rechargeable batteries and NO sensors are excluded. Please refer to our general terms and conditions for further information.



Large touch display: All measured and calculated values at a glance – Simple operation via touch display – Structured menu navigation.



Convenient & practical: The measurement results can be conveniently printed out on site. The measuring device and printer are attached to the fireplace with strong magnets, leaving your hands free to work.

Advantages

- ▶ Overview: Large 7" touch display with visualization of 14 measured and calculated value
- ▶ Convenient: Switch on – Read off – Done
- ▶ Safety: The CO purge pump actively protects the CO sensor from overload
- ▶ Low cost of ownership: 48-month device and sensor guarantee¹⁾ without maintenance contract
- ▶ Equipped for the future: Accessories for special applications, e.g. measurements on combined heat and power plants
- ▶ All-round device: Slots for 5 sensors
- ▶ Fast: Fresh air pump for simultaneous calibration and core flow search

Technical Data

Display

Touch Display: 7"

Sensors

up to 5

O ₂ :	0...21 %
CO:	0...10,000 ppm 0...35,000 ppm 0...100,000 ppm
NO:	0...3,000 ppm
NO ₂ :	0...1,000 ppm

Power supply

Lithium-ion rechargeable battery: 12 hr service life

Weight

from 2.76 lbs

Safety

5 filter technology with filter monitoring

Application

- ▶ Flue gas analysis
- ▶ Wood moisture
- ▶ Spillage test
- ▶ Check for back-draught conditions in chimneys
- ▶ Up to 5 sensors (Wöhler A 550 only)

Functionality

- ▶ Easy to use: Switch on – Read off – Done
- ▶ Large 7" Touch display: Display of up to 14 measured and calculated values
- ▶ Intuitive operation
- ▶ Calibration in the flue gas pipe via a fresh air pump
- ▶ Graphical core flow search

Safety / Reliability

- ▶ 48-month warranty without maintenance contract¹⁾
- ▶ Effective condensate protection
- ▶ Automatic CO purge pump protects the CO sensor
- ▶ 5 filter technology - easily accessible
- ▶ Device and sensor diagnostics
- ▶ Sensor replacement - do it yourself
- ▶ More than 12 hr battery life with lithium-ion power
- ▶ Hose cable - robust and flexible

Data management

- ▶ 1,000 measurement records
- ▶ Data transfer via USB, WLAN or infrared

Approvals

- ▶ EN 50379 Part 2, VDI 4206-4

¹⁾ Thermocouples, rechargeable batteries and special sensors are excluded.
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Special features



Start/stop button on the probe: With the Wöhler A 550, you can easily start and stop the measurement in difficult measuring locations by pressing a button on the probe.



CHP filter: The CHP filter protects the sensors when measuring CHP or solid fuel systems.

Wöhler Flue Gas Analysis App

Do you prefer to do everything with your smartphone or tablet? Then the Wöhler Flue Gas Analysis App is just the thing for your measurement and adjustment work.

- ▶ Remote control of measured values at measuring locations that are difficult to access
- ▶ Direct connection via Wi-Fi to the smart device and future-proof internet access
- ▶ Measurement report can be sent from smartphone / tablet by e-mail and via messenger services



Product Overview



Scope of delivery

Wöhler A 550 L Combustion Analyzer	Wöhler A 550 L Combustion Analyzer Basic Set
Wöhler A 550 Combustion Analyzer	●
O ₂ -Sensor	●
COH-Sensor 100,000 ppm	●
CO-Sensor 10,000 ppm	
NO-Sensor 3,000 ppm	
NO ₂ -Sensor 3,000 ppm	
SO ₂ -Sensor 5,000 ppm	
Lithium-ion battery	●
USB-Charger with Micro-USB cable	●
WiFi / Bluetooth®, USB and IR interfaces	●
Magnetic mount	●
Combustion Air Temperature Probe	
Gas Probe 10.8"	●
Gas Probe 11.6"	
Changeable Gas Probe	
Cable Hose 5.7'	●
Cable Hose 10'	
Clamping Cone	
Wadding Filter (25 pcs.)	●
Water Stop Filter	●
Coarse Filter	●
Wöhler TD 100 Thermal Fast Printer	●
Thermal Paper	●
Plastic Case MIDI	●
Plastic Case MAXI	
Item	7754

● = included

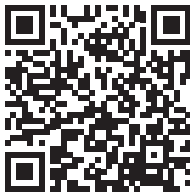


Wöhler A 550
Combustion Analyzer
Basic Set

Wöhler A 550 NO
Combustion Analyzer
Advanced Set

Wöhler A 550 NO / NO2 / SO2
Combustion Analyzer
Professional Set

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Scan the QR code and learn more!

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