

Flue gas analysis is this easy.

Success is simply a question of the right tool.

Get to know the new flue gas analyzer testo 310. It combines simple functions with a high level of measurement accuracy, and is thus perfect for all basic measurements on heating systems. Long battery lifetimes of up to 10 hours guarantee high availability. Its easy handling and compact design make the testo 310 a robust tool for daily work – even when things get rough.

The printer specially developed for the testo 310, including infrared interface, allows you to create clear reports on site as required. The current measurement value can be printed out of any measurement menu during or after the measurement. You present the results of your work to your customer “black on white”.



Product properties in detail.

See what makes the testo 310 special.



Robust design

Robust and light instrument for daily use – excellently suitable even for rough and dirty surroundings.



Illuminated display

Two-line display and clear menu structure. Easy to operate and clearly legible.



Automatic zeroing of sensor

Automatic zeroing of the gas sensor in only 30 seconds after starting, which can be cancelled if not required.



Lithium rechargeable battery

Operation with lithium rechargeable battery (1500 mAh) – no need to change battery, up to ten hours running time, charging via USB possible.



Probe filter

Quickly and easily exchangeable



Attachment

Integrated magnets for easy fixing to burner.



Condensate trap

Integrated condensate trap – very easily emptied.



Printer

Documentation via infrared interface.

Flue gas analysis the smart way.

testo 310: easy-to-conduct measurements in every basic application



Flue gas measurement

In this central measurement in the course of flue gas analysis, you directly determine CO and O₂ content as well as the ambient and flue gas temperatures. From these values, the testo 310 calculates all further measurement parameters such as CO₂ concentration, degree of effectivity and flue gas loss.



Ambient CO measurement

With this safety measurement, you determine whether flue gas spillage is spreading in the vicinity of the heating system. This can cause high CO concentrations in heating and living rooms. Because these are life-threatening, this measurement should always be carried out first.



Draught measurement

Draught measurement ensures that the flue gas from a heating system is correctly drawn off through the flue. With this measurement, you determine whether the system has the correct negative pressure. At the same time, the flue gas temperature is measured.



Differential pressure measurement

The differential pressure measurement tests the gas supply to gas boilers. To do this, you measure the difference between the pressure in the gas line and the ambient pressure. The measurement is important for the adjustment of the jet pressure.

We measure it. 

Product sets.

Product sets	Order no.
testo 310 flue gas set	0563 3100
testo 310 flue gas set with printer	0563 3110

testo 310 flue gas set

testo 310 incl. rech. battery and calibration protocol for the measurement of O₂, CO, hPa and °C; probe 180 mm with cone; silicon hose for pressure measurement; particle filters 10 off.



Order no. 0563 3100

testo 310 flue gas set with printer

testo 310 incl. rech. battery and calibration protocol for the measurement of O₂, CO, hPa and °C; IR printer (0554 3100); probe 180 mm with cone; silicon hose for pressure measurement; particle filters 10 off; 2 rolls thermal paper for printer.



Order no. 0563 3110

For accessories, go to www.testo.com/310

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We measure it. 



Measure. Print. Done.

testo 310. Flue gas analysis the easy way.



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