



Committing to the future

testo 308

Digital Smoke Count Determination “The Real Measurement”

NEW!

Smoke
count

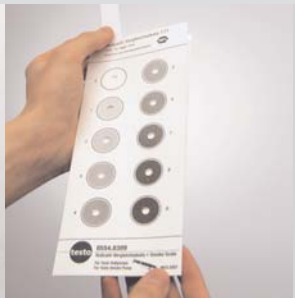


1. BImSchV
TUV By RgG 269

The electronic smoke tester testo 308

The manual measurement of smoke count, which has been used for decades, is history. The new electronic testo 308 will replace the time-consuming determination of smoke count used up to now. This new technology not only offers more convenience, but also a degree of precision never before achieved in this price class – high-tech for trade experts and chimneysweeps. Whether as a tough tool for flue gas measurements on all kinds of oil burners, or as a starter instrument for new tasks in service and maintenance – the testo 308 is fast, system-compatible, extremely reliable and always ready for use.

1. UP TO NOW: Complicated



Hand pump

Ten pumps each with a hand pump to extract the sample from the flue in three sampling series.

Filter paper

Three-fold analysis of the filter paper comparison scale, and manual recording of measurement data.

2. NOW: Easy



Automatic measurement

Digital smoke count measurement to one digital place, with constant sampling over one minute.

High accuracy

The heated measurement spot prevents measurement error due to condensation..



3. Efficiency, security and accuracy with testo 308



Infrared interface

Time-savings thanks to automatic analysis and digital transfer of the measurement values.



Ergonomic pistol grip

Fits into your hand.
Easy one-hand operation.



Integrated condensate trap

Evacuatable integrated condensate trap.



Display

Backlit high-contrast display with self-explanatory menu structure.



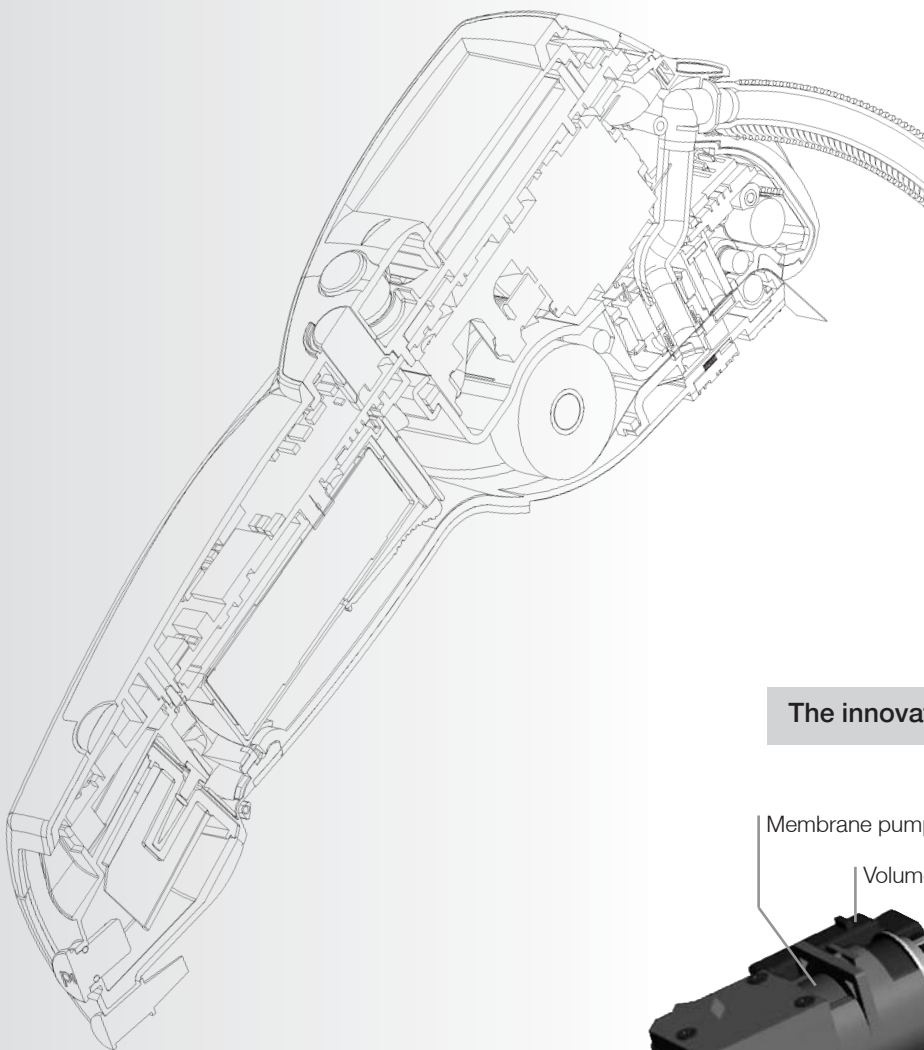
Rechargeable battery

Fast and easy exchange of battery



testo 308 – from the idea to reality

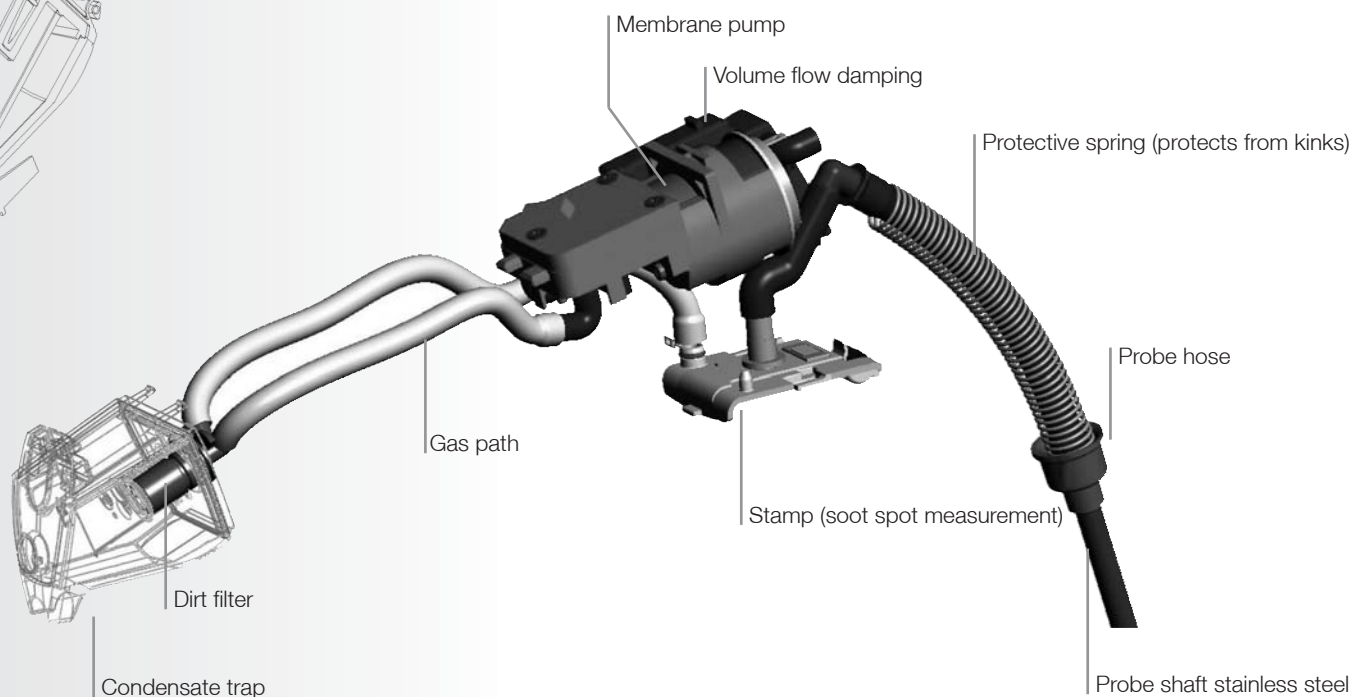
Innovative smoke count measurement with testo 308



Pure innovation

The ground-breaking technology of testo 308 is pure innovation. It offers the trade expert maximum measurement accuracy and efficiency in day-to-day application. From the monitoring of normed 1.63 litre through-flow, to the heating of the soot spot sensor and the continuous separation of condensate – the whole construction is conceptually rounded.

The innovative gas path in its individual components



The monitoring and service instrument for chimneysweeps

The partner in smoke count measurement for every flue gas analyzer

- Automatic digital smoke count calculation with one decimal space
- Better protection from condensation due to heated measurement spot
- Long-term stable measurement values thanks to long-life sensor
- Smoke count displayed against reference litre
- Constant sampling during entire measurement according to 1. BlmschV/Ö-Norm
- Efficient thanks to automatic evaluation and digitally transferred measurement values
- 2 years' instrument warranty

Overview of instrument functions

- Easy, self-explanatory menu structure
- Clear segment display
- LED display illumination
- Easy IR printout
- Integrated condensate trap (evacuatable)
- Integrated dirt filter (exchangeable)
- TÜV tested
- Additional soot filter measurement for proof of testing
- Li-ion battery (2600 mA, 45 single measurements) chargeable in or outside the instrument
- Mains operation possible
- Batteries and charger from testo 327 and test 330 can be used
- Bluetooth interface (optional)
- Easy exchange of soot filter roll
- Spare battery chargeable in or outside the instrument
- Protection class IP40



and heating constructors

The optimum documentation and system solution

Pure compatability

The measurement data can be flexibly transferred by IRDA / Bluetooth not only to the flue gas analyzers testo 327 and testo 330 but also to a Pocket PC or laptop. They are then processed further there together with the flue gas analysis values. The smoke count data can of course also be transferred directly to the printer and printed out.





Fully automatic measurement.



Practical probe holder for fixing the testo 308, testo 327 or testo 330.



Powerful Li-ion battery. Exchangeable with testo 327 and testo 330 (platform solution).



Charger: The battery can be charged in the charger or in the measuring instrument (battery life 45 single measurements).



testo 308 basic set with mains unit and case.



Technical data	testo 308
Optical analysis	
Sensor	Photo diode
Mesasuring range	0 to 6 RZ
Resolution	0.1 RZ
Accuracy	±0.2 RZ
Measurement sample volume	
Pump capacity	1.63 ± 0.1l
Reference filter	at 990 mbar and 20 °C ambient temperature
Dimensions, weight	
Dimensions	270 x 63 x 120 mm
Weight	600 g including battery
Current supply	
Battery	Lithium-ion battery, 2600 mA
Battery life	45 single measurements
Battery charging	in instrument with mains unit or externally via charger
General technical data	
Display	backlit segment display
Norms and test	1. BImSchV, METAS, EU guideline 2004/108/EG
Operating temperature	0 to +40 °C
Storage/transport temperature	-20 to +50 °C
Protection class	IP40
Interfaces	IR/IRDA interface, Bluetooth
Gas sampling	stainl. steel shaft approx. 220 mm, rubber hose 100 mm
Warranty	2 years

Ordering by fax



Set testo 308 incl. mains unit and case
Order no. 0563 3080



Spare soot filter paper (8 rolls)
Order no. 0554 0146



Classical hand smoke pump
Order no. 0554 0307



Cone with fixing screw
Order no. 0554 9010



Acetone dispenser
Order no. 0554 0159



Soot filter paper dispenser
Order no. 0554 0600

Qty.	Set testo 308	Order no.
	Set electronic smoke tester testo 308 incl. mains unit and case	0563 3080
	Set electronic smoke tester testo 308 / Bluetooth incl. mains unit and case	0563 3090
Qty.	testo 308	Order no.
	Electronic smoke tester testo 308	0632 0308
	Electronic smoke tester testo 308 / Bluetooth	0632 0309
Qty.	Accessories	Order no.
	Instrument case for electronic smoke tester	0516 0002
	International mains unit 100-240 V for mains operation or charging in instrument	0554 1096
	Probe holder for smoke tester and flue gas probes	0554 0616
	Spare battery 2600 mAh	0515 0107
	Charger for spare battery	0554 1103
	Spare soot filter paper (8 rolls)	0554 0146
	Spare dirt filters (10 Stück)	0554 1101
	Acetone dispenser	0554 0159
	Cone with fixing screw	0554 9010
	Testo report printer with wireless IRDA and infrared interface, 1 roll of thermal paper and 4 AAA batteries	0554 0547
	Basic system case for flue gas analyzer, electronic smoke counter and probes	0516 3330

Qty.	Classical hand soot pump	Order no.
	Soot pump incl. oil, soot filter papers, for measuring soot in flue gas	0554 0307
Qty.	Accessories	Order no.
	Spare soot filter paper (8 paper rolls)	0554 0146
	Soot filter paper dispenser	0554 0600
	Acetone dispenser	0554 0159
	Cone with fixing screw	0554 9010

From

First and last name

Street, building no.

Company

City, postcode

Department

Date, signature