

Smoke tester

testo 308



- Easy, self-explanatory menu structure
- Clear segment display
- LED display illumination
- Easy IR printout
- TÜV-tested
- Easy exchange of soot filter roll
- Spare battery chargeable separately or in instrument
- Protection class IP40

The measuring instrument testo 308 is designed for easy electronic smoke count measurement. It determines the smoke count to one decimal position by constant sampling. The powerful LED backlighting guarantees good legibility even in unfavourable light conditions.

The Li-ion rechargeable battery in the testo 308 can also be used in the Testo flue gas analyzers (testo 327 and testo 330). Thanks to the easy menu structure and the ergonomic pistol grip, the measuring instrument is especially user-friendly. testo 308 achieves a high level of accuracy due to the heating of the measurement spot, thus preventing measurement errors caused by condensation. In addition to this, the infrared interface allows wireless communication with an IrDA printer, a flue gas analyzer and a Pocket PC.

Smoke tester



High accuracy – the heated measurement spot prevents measurement errors caused by condensation



Infrared interface – time saving thanks to automatic analysis and digital transfer of measurement values



Fast and easy exchange of Li-ion rechargeable batteries



The integrated condensate trap can be emptied

testo 308

testo 308 smoke tester, incl. rech. battery, mains unit and calibration protocol



Part no. 0632 0308

Set testo 308

Set testo 308 smoke tester incl. rech. battery, mains unit, bag and calibration protocol

Part no. 0563 3080

Technical data / Accessories

Sensor type	Photodiode
Measuring range	0 to 6 RZ
Accuracy ±1 digit	±0.2 RZ
Resolution	0.1 RZ

General technical data

Pump capacity	1.63 ± 0.1 l
Reference filter	at 990 mbar and +20 °C ambient temperature
Weight	600 g incl. battery
Dimensions	270 x 63 x 120 mm
Rech. battery	Lithium ion battery, 2600 mA
Battery life	45 individual measurements
Battery charge	in the instrument via mains unit or externally by charger
Display	Segment display with background illumination
Norms and tests	1. BImSchV, METAS, EU-guideline 2004/108/EG
Operating temperature	+5 to +45 °C
Storage temperature	-20 to +50 °C
Protection class	IP40
Interfaces	IR/IRDA interface
Gas sampling	Stainless steel pipe ca. 220 mm, rubber hose 100 mm
Warranty	2 years

Accessories for measuring instrument

Part no.

Instrument bag for smoke tester testo 308	0516 0002	
Mains unit international 100-240 V AC / 6.3 V DC for mains operation or battery charging in instrument	0554 1096	
Spare battery 2600 mA	0515 5107	
Spare soot filter paper; 8 paper rolls	0554 0146	
Spare dirt filters testo 308, 10 off	0554 1101	
Cone with fixing screw	0554 9010	
Testo fast printer IrDA with wireless infrared interface; 1 roll thermal paper; 4 AA batteries	0554 0549	

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Non-Destructive Test (NDT) Equipment



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