

testo 327-1 – Basic instrument for heating and installation technicians

testo 327-1

testo 327-1 is your introductory instrument to flue gas analysis. It measures combustion efficiency, °C, O₂, CO₂, CO and flue draught. The strong LED background light in the 4 line display guarantees an easy-to-read display even if lighting conditions are unfavourable. The analyser stands out on account of its easy menu navigation and ergonomic housing as well as its durability.

- Easy menu navigation
- 4 line segment display
- LED display light
- Easy IR printout
- Built-in condensate trap
- TÜV By RgG 253 acc. to 1. BlmSchV
- EN 50379 Part 2 for O₂, °C, hPa
- EN 50379 Part 3 for CO
- Small Li-ion rechargeable battery (1200 mA, lifetime of 5 h) can be recharged inside or outside instrument
- Fast probe connection using single probe plug
- Ambient CO measurement using flue gas probe
- O₂ dual wall measurement (can be stored)
- Separate AT temperature measurement
- Undiluted CO measurement (can be stored)
- Draught measurement
- 6-8 fuels (country-specific (e.g. UK=6))
- IP 40



Stable probes filter particles before they get into gas paths



Built-in condensate trap



The "second skin" is integrated into the instrument design and protects from impact and shock during tough everyday use

testo 327-1

testo 327-1 flue gas analyser, rechargeable battery and calibration protocol included, measures O₂, CO, hPa and °C

Part no. 0632 3201

testo 327-1 CO

testo 327-1 CO flue gas analyser, rechargeable battery and calibration protocol included, measures CO, hPa and °C

Part no. 0632 3204

testo 327-1 O₂

testo 327-1 O₂ flue gas analyser, rechargeable battery and calibration protocol included, measures O₂, hPa and °C

Part no. 0632 3203



Technical data	
Temperature measurement	-40 to +600 °C
Draught measurement	±40 hPa
Efficiency measurement (Eta)	0 to 120%
Flue gas loss (qA)	0 to 99.9%
O ₂ measurement	0 to 21 Vol. %
CO ₂ measurement	0 to CO ₂ max
CO measurement	0 to 4000 ppm
Weight	Approx. 500 g
Dimensions	216 x 68 x 47 mm
Storage temp.	-20 to +50 °C
Oper. temp.	-5 to +45 °C
Power supply	via Li-Ion rechargeable battery
Battery life	> 5 h
Warranty	2 years on instrument, probes and gas sensors 1 year on thermocouple and rechargeable battery (wearing parts excluded)

testo 327-1 Basic Set for heating and installation technicians

- testo 327-1 flue gas analyser incl. rech. batteries and calibration protocol
- Mains unit 100-240 V for mains operation or battery charging in instrument
- Compact flue gas probe, 180 mm long, Ø 6 mm
- Combustion air temperature probe, immersion depth 190 mm
- Printer with wireless infrared interface
- Instrument cleaner 100 ml
- Basic system case for instrument, probes and accessories

Part no. 0563 3203 70