

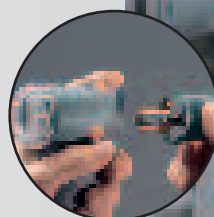
## Professional flue gas analyser for heating technicians and inspectors

### testo 330-3

The analyser offers the heating technician everything he requires to competently carry out his inspections: the analyser has a special menu and automatic mean calculation. The course of the temperature during hot spot detection is shown in graphs on the display. Draught measurement is also shown in the same menu; the probe can remain positioned in the flue during the initialisation phase. This improves measurement accuracy when checking the systems and helps to save you time. CO switch-off can be carried out manually if necessary.

Instrument diagnosis provides you with information about the qualitative status of functions and wearing parts. Included is the quality check on measurement cells, filter status, level display in the condensate trap, leak-proofness of instrument, pump capacity, rechargeable battery status and the date of the last maintenance.

- Instrument diagnosis
- Automatic instrument leak test
- $\Delta T$  measurement, flow/return
- Ambient CO<sub>2</sub> measurement
- $\Delta P$  measurement for gas pressure
- Gas/oil flow measurement
- Recognition of probe connected
- Initialisation of pressure sensor for draught measurement without removing probe
- 400 data sets incl. object address and systems number
- IRDA interface for data transfer to PDA/Notebook
- USB interface for data transfer to PC
- ZIV driver for all standard industrial software
- Menu with manual CO switch-off function and qA mean value



Easy change probe shaft with menu recognition



TÜV approved easy-to-change measurement cells



Fast checking of flue gas values in heating units

#### testo 330-3

Flue gas analyser incl. rechargeable and calibration protocol

Part no. 0632 3303

#### testo 330-3 professional analysis set for heating technicians and inspectors

- testo 330-3 flue gas analyser incl. rechargeable battery and calibration protocol
- 100-240 V mains unit for mains operation or battery recharging in the analyser
- Modular flue gas probe, immersion depth: 300 mm,  $\phi$  8 mm
- CO multi-hole probe shaft suitable for modular flue gas probe
- Combustion air temperature probe, 190 mm long
- Smoke tester incl. oil, soot sheet and reference scale
- Basic system case for instrument, probes and accessories

Part no. 0563 3316 70

See page 14+15 for Accessories Ordering Data

#### Technical data

Temperature	-40 to +1200 °C
Draught measurement	-9.99 to +40 hPa
Pressure measurement	0 to 200 hPa
O <sub>2</sub> measurement	0 to 21 Vol. %
CO measurement (H <sub>2</sub> compensated)	0 to 8000 ppm from 8000 ppm display range 8000 to 30000 ppm (automatic dilution)
Efficiency measurement (Eta)	0 to 120 %
Flue gas loss	0 to 99.9 %
CO <sub>2</sub> measurement	Display range 0 to CO <sub>2</sub> max
Option: NO <sub>low</sub> measurement	0 to 300 ppm
Option: NO measurement	0 to 3000 ppm
Ambient CO measurement (with CO probe)	0 to 500 ppm
Gas leak measurement for combustible gases (with gas leak detection probe)	Display range 0 to 10,000 ppm CH <sub>4</sub> / C <sub>3</sub> H <sub>8</sub>
Ambient CO <sub>2</sub> measurement (with ambient CO <sub>2</sub> probe)	0 to 1 Vol. % 0 to 10000 ppm

#### General Technical Data

Memory	400 sites
Weight	600 g (without rechargeable battery)
Dimensions	270 x 90 x 65 mm
Storage temp.	-20 to +50 °C
Oper. temp.	-5 to +45 °C
Display	Graphics display 160 x 240 pixel
Power supply	Rechargeable block: 3.7 V / 2.2 Ah Mains unit: 6 V / 1.2 A
Warranty	Analyser/cells/probe: 2 years, Rech. batt.: 1 year

