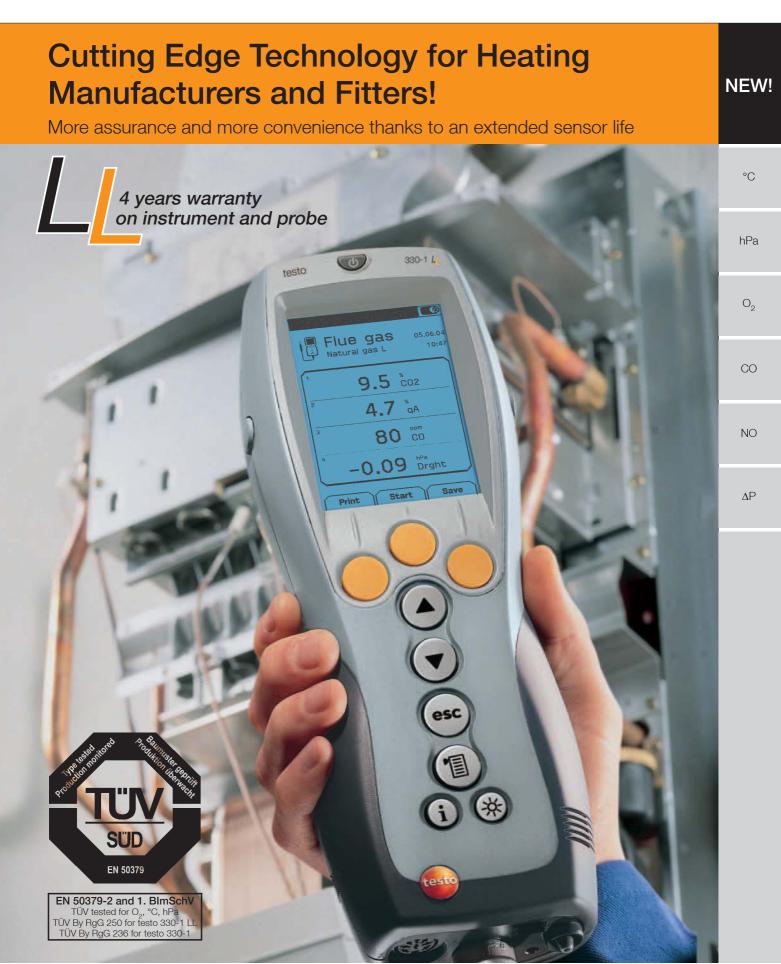


testo 330-1 testo 330-1 LL



Highest longevity with even more assurance!

Revolutionary: Testo launches a new generation of measuring cells!



Reduced after-costs

Thanks to the extended sensor(testolife of up to 6 years for O2 andmeasuCO in the testo 330-1 LL, theafter-costs for the user are greatlyreduced. At least one change of02 and CO cell can be omittedduring the typical phase of usageof the instrument. In addition tothis, Testo gives a warranty of 4Exception
thermoor
months)

(testo 330-1 LL incl. $\rm O_2$ and CO measurement cells and probe).

Exception: Wearing parts such as filter, thermocouple (12 months), NO/NO_{low} cell (24 months)

More assurance!

Thanks to the longer life of the complete instrument testo 330-1 LL, downtime - e.g. due to exhausted sensors - is drastically reduced. The instrument stays ready for use and free from malfunctions for longer



The right accessories for every application.

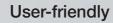


The probes

The robust probe handle which fits comfortably in your hand facilitates easy positioning. The probe has a quick connection function ensuring that all gas paths are connected correctly. The particle filter accommodated in the handle blocks out particles efficiently. Additionally, the probes require little or no maintenance and are easy to clean. Different lengths and diameters ensure a high flexibility level for all applications. When changing the probe, the probe shaft is simply attached probe handle and clicks in The multi-hole

and dual wall clearance probe round off our wide range of flue gas probes. The ambient CO probe as well as the CO₂ probe are recognised automatically by the analyser and the measurement results immediately appear in their own graphically supported menu. Furthermore, the user-defined alarm limit is coupled with an audible signal. Measurements can be carried out in their entirety simultaneously with flue gas measurement. The gas leak detection probe which can be attached to the analyser also has a user-defined alarm limit. A warning signal is triggered if the limit is exceeded. The probe is also recognised automatically and the results are shown in a trend graph in their own menu.





The new, highly robust fast probe connection for all gas paths eliminates any confusion. The single cable cannot be bent, is indestructible and saves space. The menu-driven operational procedures - in compliance with standards - help you to avoid errors and save you time. The very large display is a perfect additional aid.





The heart of the new testo 330-1 LL

With the development of the new longlife sensors, Testo have once again proven their innovative spirit.

The O₂ Longlife sensor distinguishes itself from the standard sensor through its even more robust design, an improved diffusion barrier for the

Co

protection of the anode material, and a lead-free metal alloy. This makes it not only longer living but also evironmentally more friendly.

An additional feature of the new CO Longlife sensor is also the exchangeable NO filter.

At a glance

Testo has put together a special set for heating fitters and technicians. Of course, it is always possible to add to and supplement the set by selecting from the wide range of accessories available.

The new Longlife set

- Exhaust gas analyzer testo 330-1 LL incl. rech. battery and calibration protocol
- \cdot Mains unit 100-240 V for mains operation for charging the battery in the instrument
- · Modular exhaust gas probe, immersion depth 300 mm, Ø 8 mm
- Combustion air temperature probe, immersion depth 190 mm
- Hose connection set for separate gas pressure measurement
 Report printer IRDA
- \cdot Flexible probe shaft length 300 mm, Ø 10 mm, Tmax 500 °C
- Basic system case for instrument, probes and accessories
 Part no. 0563 3324 70

Our classic

- testo 330-1 flue gas analyser incl. rech. battery and calibration
 protocol
- 100-240 V mains unit for mains operation or battery recharging in analyser
- \cdot Modular flue gas probe, immersion depth: 300 mm, ø 8 mm
- \cdot Combustion air temperature probe, immersion depth: 190 mm
- Hose connection set for separate gas pressure measurement
 IRDA printer
- · Basic system case for instrument, probes and accessories

Part no. 0563 3314 70

Always a step ahead

testo 330-1 at a glance

Instrument diagnosis

- Rechargeable battery status display
- Sensor status display
- Monitoring of condensate trap level with "FULL" message
- Display of error status incl. description and diagnosis
- Display of last maintenance
- Display of instrument temperature
- Operating hour counter

Additional measurement tasks

- ΔT measurement, flow/return
- Ambient CO measurement
- Ambient CO₂ measurement
- Detection of gas leaks with gas leak detection probe
- ΔP measurement for gas pressure
- Gas/oil flow rate determination

Automatic menu selection

• Recognition of connected probe

Memory management

- 200 measurement data records incl. systems number
- Several measurement data records per system number are possible
- Read in using barcode reader
- IRDA interface for data transfer to PDA/Notebook
- USB interface for data transfer to PC
- ZIV driver for all standard branch software

Additional features

- TÜV approved in compliance with EN 50379 Part 3
- Interface to Testo Software with analysis and graphics functions and online measurement
- Calculated parameter: Flue gas dewpoint
- Graphics display
- Integrated impact protection with magnet, recessed display
- Protection class: IP40
- Rechargeable battery lifetime > 6 h with pump operating
- Battery rechargeable separately and in instrument
- Adjustable alarm thresholds for ambient CO/CO₂ measurement



testo

Technical data		
Temperature	Meas. range	-40 to +1200 °C
	Accuracy	±0,5 °C (0.0 to +100.0 °C) ±0,5 % of mv (remaining range)
	Resolution	0.1 °C (-40 to 999,9 °C)
		1 °C (remaining range)
Draught measurement	Meas. range	-9.99 to +40 hPa
Ū	Accuracy	±0.02 hPa or ±5 % of mv (-0.50 to +0.60 hPa) *
		±0.03 hPa (+0.61 to +3.00 hPa)
	Desclution	±1.5 % of mv (+3.01 to +40.00 hPa)
	Resolution	0.01 hPa
Pressure measurement	Meas. range Accuracy	0 to 200 hPa ±0.5 hPa (0.0 to 50.0 hPa)
	Accuracy	± 1 % of mv (50.1 to 100.0 hPa)
		± 1.5 % of mv (remaining range)
	Resolution	0.1 hPa
O ₂ measurement	Meas. range	0 to 21 Vol. %
-	Resolution	0.1 Vol. %
	Accuracy	±0.2 Vol. %
	Adjustment time t ₉₀	< 20 s
CO measurement	Meas. range	0 to 4000 ppm
(without H ₂	Resolution	1 ppm
compensation)	Accuracy	$\pm 20 \text{ ppm}$ (0 to 400 ppm) $\pm 5\% \text{ of my}$ (401 to 1000 ppm)
		±5% of mv (401 to 1000 ppm) ±10% of mv (1001 to 4000 ppm)
	Adjustment time t ₉₀	< 60 s
Efficiency	Meas. range	0 to 120 %
(ETA)	Resolution	0.1 %
Flue gas loss	Meas. range	0 to 99.9 %
- 3	Resolution	0.1 %
CO2 measurement	Display range	0 to CO2 max
	Resolution	0.1 Vol. %
	Accuracy	±0.2 Vol. %
	Measurement	Digital calculation from O2
	Adjustment time t ₉₀	< 40 s
Option: NO _{low}	Meas. range	0 to 300 ppm
measurement	Resolution Accuracy	0.1 ppm ±2 ppm (0.0 to 40.0 ppm)
	Accuracy	±5% of mv (remaining range)
	Adjustment time t ₉₀	< 30 s
Option: NO	Meas. range	0 to 3000 ppm
measurement	Resolution	1 ppm
	Accuracy	±5 ppm (0 to 100 ppm)
		±5% of mv (101 to 2000 ppm)
	Adjustment time t _{an}	±10% of mv (2001 to 3000 ppm) < 30 s
Ambient CO	Meas. range	0 to 500 ppm
measurement (with CO	Resolution	1 ppm
probe)	Accuracy	±5 ppm (0 to 100 ppm)
		±5% of mv (>100 ppm)
	Adjustment time t ₉₀	Approx. 35 s
Gas leak measurement	Range of indication	0 10,000 ppm CH ₄ / C ₃ H ₈
for combustible gases	Signal	Optical display (LED)
(with gas leak detection probe)	Adjustment time too	audible display via buzzer
	Adjustment time t90	<2 s
	Meas. range	0 to 1 Vol. %
Ambient CO	9	0 to 10000 ppm
Ambient CO ₂ measurement (with		
measurement (with	Accuracy	±(50 ppm ±2 % of mv) (0 to 5000 ppm)
-	Accuracy Adjustment time t ₉₀	
measurement (with ambient CO ₂ probe)	Adjustment time t ₉₀ Memory	±(50 ppm ±2 % of mv) (0 to 5000 ppm) Approx. 35 s 200 Sites
measurement (with	Adjustment time t ₉₀ Memory Weight	±(50 ppm ±2 % of mv) (0 to 5000 ppm) Approx. 35 s 200 Sites 600 g (without rechargeable battery)
measurement (with ambient CO ₂ probe)	Adjustment time t _{go} Memory Weight Dimensions	±(50 ppm ±2 % of mv) (0 to 5000 ppm) Approx. 35 s 200 Sites 600 g (without rechargeable battery) 270 x 90 x 65 mm
measurement (with ambient CO ₂ probe)	Adjustment time t ₉₀ Memory Weight Dimensions Storage temp.	±(50 ppm ±2 % of mv) (0 to 5000 ppm) Approx. 35 s 200 Sites 600 g (without rechargeable battery) 270 x 90 x 65 mm -20 to +50 °C
measurement (with ambient CO ₂ probe)	Adjustment time t _{go} Memory Weight Dimensions	±(50 ppm ±2 % of mv) (0 to 5000 ppm) Approx. 35 s 200 Sites 600 g (without rechargeable battery) 270 x 90 x 65 mm -20 to +50 °C -5 to +45 °C
measurement (with ambient CO ₂ probe)	Adjustment time t ₉₀ Memory Weight Dimensions Storage temp. Oper. temp.	±(50 ppm ±2 % of mv) (0 to 5000 ppm) Approx. 35 s 200 Sites 600 g (without rechargeable battery) 270 x 90 x 65 mm -20 to +50 °C
measurement (with ambient CO ₂ probe)	Adjustment time t ₉₀ Memory Weight Dimensions Storage temp. Oper. temp. Display	±(50 ppm ±2 % of mv) (0 to 5000 ppm) Approx. 35 s 200 Sites 600 g (without rechargeable battery) 270 x 90 x 65 mm -20 to +50 °C -5 to +45 °C Graphics display: 160 x 240 pixel
measurement (with ambient CO ₂ probe)	Adjustment time t ₉₀ Memory Weight Dimensions Storage temp. Oper. temp. Display	±(50 ppm ±2 % of mv) (0 to 5000 ppm) Approx. 35 s 200 Sites 600 g (without rechargeable battery) 270 x 90 x 65 mm -20 to +50 °C -5 to +45 °C Graphics display: 160 x 240 pixel Rech. block: 3.7V/2.2Ah
measuremen ^T (with ambient CO ₂ probe) General Technical Data	Adjustment time t _{so} Memory Weight Dimensions Storage temp. Oper. temp. Display Power supply	±(50 ppm ±2 % of mv) (0 to 5000 ppm) Approx. 35 s 200 Sites 600 g (without rechargeable battery) 270 x 90 x 65 mm -20 to +50 °C -5 to +45 °C Graphics display: 160 x 240 pixel Rech. block: 3.7V/2.2Ah Power: 6V/1.2A
measuremen ^T (with ambient CO ₂ probe) General Technical Data	Adjustment time t _{so} Memory Weight Dimensions Storage temp. Oper. temp. Display Power supply	±(50 ppm ±2 % of mv) (0 to 5000 ppm) Approx. 35 s 200 Sites 600 g (without rechargeable battery) 270 x 90 x 65 mm -20 to +50 °C -5 to +45 °C Graphics display: 160 x 240 pixel Rech. block: 3.7V/2.2Ah Power: 6V/1.2A Instrument/probe/cells (O₂, CO, NO, NO _{low}) 24 months

Fax Order Form

ent/options O-1 flue gas analyser incl. rechargeable battery and calibration O-1 LL exhaust gas anlyzer with Longlife cells, incl. rechargeable and calibration protocol Fine draught measurement, Resolution 0.1 Pa, measurement range to instead of the standard draught measurement) V0 meas. cell, meas. range 0 to 3000 ppm, 1 ppm resolution o 330-1 LL: Pro analysis for heating manufacturers and fitters it gas analyzer testo 330-1 LL incl. rech. battery and calibration of 100-240 V for mains operation for charging the battery in the ent of the standard for the sting manufacturers and fitters it gas analyzer testo 330-1 LL incl. rech. battery and calibration of 100-240 V for mains operation for charging the battery in the ent of the standard for the sting the battery and calibration of 0.10-240 V for mains operation for charging the battery in the ent of the standard for the sting the battery and calibration of 0.10-240 V for mains operation for charging the battery in the ent of the standard for the sting the battery and calibration of 0.10-240 V for mains operation or battery recharging in analyser inter IRDA S00-11 Ster Pro analysis for heating technicians and fitters 00-13 flue gas analyser incl. rech. battery and calibration protocol 10 V mains unit for mains operation or battery recharging in analyser ar flue gas probe, immersion depth: 300 mm, 0 8 mm estion air temperature probe, immersion depth: 190 mm onnection set for separate gas pressure measurement rinter system case for instrument, probes and accessories 100-10 V measurement cell for testo 330-1 0 measurement cell for testo 330-1 0 measurement cell for testo 330-1 0 measurement cell for testo 330-1 10 measurement cell for testo 330-1 11. 2: NO meas. cell, meas. range 0 to 3000 ppm, 1 ppm resolution for 0-1/-1 LL : NO meas. cell, meas. range 0 to 300 ppm, 0.1 ppm resolution for 0-1/-1 LL : NO meas. cell, meas. range 0 to 300 ppm, 0.1 ppm resolution for 0-1/-1 LL : NO meas. cell, meas. range 0 to 300 ppm, 0.1 ppm resolution for 0-1/-1 LL : NO meas. cell,	Part no. 0632 3301 0632 3304 0440 3921 0440 3921 0440 3921 0440 3921 0440 3921 0440 3931 Part no. 0563 3324 70 9 Part no. 0563 3314 70 9 9 9 9 9 9 90092 0390 0092 0390 0094 0390 0061 0390 0110 0554 3922 0554 3931 Part no.
and calibration protocol Fine draught measurement, Resolution 0.1 Pa, measurement range to instead of the standard draught measurement) W0 meas. cell, meas. range 0 to 3000 ppm, 1 ppm resolution o 330-1 LL: Pro analysis for heating manufacturers and fitters it gas analyzer testo 330-1 LL incl. rech. battery and calibration of at exhaust gas probe, immersion depth 300 mm, Ø 8 mm ston air temperature probe, immersion depth 100 mm onnection set for separate gas pressure measurement printer IRDA probe shaft tength 300 mm, Ø 10 mm, Tmax 500 °C system case for instrument, probes and accessories 30-1 Set: Pro analysis for heating technicians and fitters 30-1 flue gas analyser incl. rech. battery and calibration onnection set for separate gas pressure measurement printer interperature probe, immersion depth 100 mm onnection set for separate gas pressure measurement rinter system case for instrument, probes and accessories 10-1 Set: Pro analysis for heating technicians and fitters 30-1 flue gas analyser incl. rech. battery and calibration protocol 10 V mains unit for mains operation or battery recharging in analyser ar flue gas probe, immersion depth: 300 mm, Ø 8 mm stion air temperature probe, immersion depth: 190 mm onnection set for separate gas pressure measurement rinter system case for instrument, probes and accessories 12 measurement cells 2 measurement cell for testo 330-1 0 measurement cell (without H2 compensation) for testo 330-1 0 measurement cell for testo 330-1 LL surement cell for	0632 3304 0440 3921 0440 3921 0440 3931 Part no. 0563 3324 70 0563 3324 70 0563 3314 70 0563 3314 70 0563 3314 70 0563 3314 70 0390 0092 0390 0092 0390 0095 0390 0094 0390 0094 0390 0074 0390 0011 0390 0110 0554 3922
Fine draught measurement, Resolution 0.1 Pa, measurement range to (instead of the standard draught measurement) NO meas. cell, meas. range 0 to 3000 ppm, 1 ppm resolution NOlow meas. cell, meas. range 0 to 3000 ppm, 0.1 ppm resolution o 330-1 LL: Pro analysis for heating manufacturers and fitters at gas analyzer testo 330-1 LL incl. rech. battery and calibration of the probability of mains operation for charging the battery in the ent exchaust gas probe, immersion depth 300 mm, 0 8 mm istion air temperature probe, immersion depth 900 mm onnection set for separate gas pressure measurement printer IRDA a probe shaft length 300 mm, 0 10 mm, Tmax 500 °C system case for instrument, probes and accessories 30-1 flue gas analyser incl. rech. battery and calibration protocol 10 V mains unit for mains operation or battery recharging in analyser ar flue gas analyser incl. rech. battery and calibration protocol 10 V mains unit for mains operation or battery recharging in analyser ar flue gas enalyser incl. rech. battery and calibration protocol 10 V mains unit for mains operation or battery recharging in analyser ar flue gas robe, immersion depth: 190 mm onnection set for separate gas pressure measurement rinter system case for instrument, probes and accessories teasurement cell (without H2 compensation) for testo 330-1 0 measurement cell for testo 330-1 0 measurement cell (without H2 compensation) for testo 330-1 0 measurement cell for testo 330-1 0 measurement cell for testo 330-1 1 L surement cell for testo 330-1 LL surement cell for testo 330-1 LL	0440 3922 0440 3931 Part no. 0563 3324 70 Part no. 0563 3314 70 0563 3314 70 0563 3314 70 0390 0092 0390 0092 0390 0094 0390 0094 0390 0074 0390 0074 0390 0074 0390 0074 0390 0074
V0 meas. cell, meas. range 0 to 3000 ppm, 1 ppm resolution N0 meas. cell, meas. range 0 to 300 ppm, 0.1 ppm resolution o 330-1 LL: Pro analysis for heating manufacturers and fitters it gas analyzer testo 330-1 LL incl. rech. battery and calibration olight in 100-240 V for mains operation for charging the battery in the next. are xhaust gas probe, immersion depth 300 mm, Ø 8 mm stion air temperature probe, immersion depth 190 mm onnection set for separate gas pressure measurement printer IRDA probe shaft length 300 mm, Ø 10 mm, Tmax 500 °C ystem case to rinstrument, probes and accessories 30-1 Set: Pro analysis for heating technicians and fitters 30-1 flue gas analyser incl. rech. battery and calibration protocol 40 V mains unit for mains operation or battery recharging in analyser ar flue gas probe, immersion depth: 300 mm, ø 8 mm stion air temperature probe, immersion depth: 190 mm onnection set for separate gas pressure measurement rinter system case for instrument, probes and accessories neasurement cell for testo 330-1 0 measurement cell (without H2 compensation) for testo 330-1 0 measurement cell ot to 300 ppm for testo 330-1/-1 LL 0 measurement cell for testo 330-1 LL surement cell for testo 330-1 LL 0 meas.	0440 3931 Part no. 0563 3324 70 Part no. 0563 3314 70 0563 3314 70 0390 0092 0390 0092 0390 0094 0390 0094 0390 0094 0390 0061 0390 0110 0554 3922 0554 3931
Nolow meas. cell, meas. range 0 to 300 ppm, 0.1 ppm resolution o 330-1 LL: Pro analysis for heating manufacturers and fitters it gas analyzer testo 330-1 LL incl. rech. battery and calibration ol unit 100-240 V for mains operation for charging the battery in the nent. ar exhaust gas probe, immersion depth 300 mm, Ø 8 mm stion air temperature probe, immersion depth 190 mm onnection set for separate gas pressure measurement printer IRDA probe shaft length 300 mm, Ø 10 mm, Tmax 500 °C ystem case to rinstrument, probes and accessories 30-1 Set: Pro analysis for heating technicians and fitters 30-1 flue gas analyser incl. rech. battery and calibration protocol 40 V mains unit for mains operation or battery recharging in analyser ar flue gas probe, immersion depth: 300 mm, ø 8 mm stion air temperature probe, immersion depth: 190 mm onnection set for separate gas pressure measurement rinter system case for instrument, probes and accessories neasurement cell for testo 330-1 0 measurement cell (without H2 compensation) for testo 330-1 0 measurement cell (ot testo 330-1 0 measurement cell for testo 330-1 LL surement cell for testo 330-1 LL :: N0 meas. cell, meas. range 0 to 3000 ppm, 1 ppm resolution for	Part no. 0563 3324 70 Part no. 0563 3314 70 9 Part no. 0363 3314 70 0390 0092 0390 0095 0390 0094 0390 0074 0390 00110 0390 0110 0554 3931
o 330-1 LL: Pro analysis for heating manufacturers and fitters it gas analyzer testo 330-1 LL incl. rech. battery and calibration of an init 100-240 V for mains operation for charging the battery in the heat. ar exhaust gas probe, immersion depth 300 mm, Ø 8 mm stion air temperature probe, immersion depth 190 mm onnection set for separate gas pressure measurement printer IRDA grobe shaft length 300 mm, Ø 10 mm, Tmax 500 °C system case to rinstrument, probes and accessories 30-1 flue gas analyser incl. rech. battery and calibration protocol 40 V mains unit for mains operation or battery recharging in analyser ar flue gas probe, immersion depth: 300 mm, ø 8 mm istion air temperature probe, immersion depth: 190 mm onnection set for separate gas pressure measurement inter system case for instrument, probes and accessories 100 measurement cell for testo 330-1 00 measurement cell (without H2 compensation) for testo 330-1 100 measurement cell for testo 330-1 00 measurement cell for testo 330-1 01 on measurement cell for testo 330-1 01 on measurement cell for testo 330-1 02 measurement cell for testo 330-1 030 pm for testo 330-1/-1 LL 030 measurement cell for testo 330-1 04 measurement cell for testo 330-1 05 measurement cell for testo 330-1 06 measurement cell for testo 330-1 07 measurement cell for testo 330-1 08 measurement cell for testo 330-1 19 measurement cell for testo 330-1 10 measurement cell for	0563 3324 70 Part no. 0563 3314 70 0563 3314 70 0390 0092 0390 0092 0390 0094 0390 0094 0390 0074 0390 0074 0390 0011 0554 3922 0554 3931
t gas analyzer testo 330-1 LL incl. rech. battery and calibration of unit 100-240 V for mains operation for charging the battery in the nent is exhaust gas probe, immersion depth 300 mm, Ø 8 mm istion air temperature probe, immersion depth 190 mm onnection set for separate gas pressure measurement printer IRDA probe shaft length 300 mm, Ø 10 mm, Tmax 500 °C system case for instrument, probes and accessories 30-1 Set: Pro analysis for heating technicians and fitters 30-1 flue gas analyser incl. rech. battery and calibration protocol 10 V mains unit for mains operation or battery recharging in analyser ar flue gas probe, immersion depth: 300 mm, Ø 8 mm istion air temperature probe, immersion depth: 190 mm onnection set for separate gas pressure measurement rinter system case for instrument, probes and accessories neasurement cells 2 measurement cell for testo 330-1 00 measurement cell (without H2 compensation) for testo 330-1 010w measurement cell for testo 330-1 0100w measurement cell for testo	Part no. 0563 3314 70 Part no. 0390 0092 0390 0095 0390 0094 0390 0074 0390 00110 0390 0110 0554 3931
30-1 Set: Pro analysis for heating technicians and fitters 30-1 flue gas analyser incl. rech. battery and calibration protocol 40 V mains unit for mains operation or battery recharging in analyser ar flue gas probe, immersion depth: 300 mm, ø 8 mm stion air temperature probe, immersion depth: 190 mm onnection set for separate gas pressure measurement rinter system case for instrument, probes and accessories neasurement cells 2 measurement cell for testo 330-1 0 measurement cell (without H2 compensation) for testo 330-1 0 measurement cell or to 300 ppm for testo 330-1/-1 LL 0 measurement cell for testo 330-1 usurement cell for testo 330-1 LL surement cell for testo 330-1 LL surement cell for testo 330-1 LL NO meas. cell, meas. range 0 to 3000 ppm, 1 ppm resolution for of -1/-1 LL Nollow meas. cell, meas. range 0 to 300 ppm, 0.1 ppm resolution for	0563 3314 70 Part no. 0390 0092 0390 0095 0390 0094 0390 0074 0390 0074 0390 0011 0390 0110 0554 3922 0554 3931
30-1 flue gas analyser incl. rech. battery and calibration protocol 40 V mains unit for mains operation or battery recharging in analyser 40 r mains unit for mains operation or battery recharging in analyser 41 r flue gas probe, immersion depth: 300 mm, ø 8 mm 42 stion air temperature probe, immersion depth: 190 mm 43 onnection set for separate gas pressure measurement 44 rinter 45 system case for instrument, probes and accessories 46 neasurement cells 42 measurement cell for testo 330-1 50 measurement cell for testo 330-1 50 on measurement cell 0 to 300 ppm for testo 330-1/-1 LL 50 measurement cell for testo 330-1 LL 51 surement cell for testo 330-1 LL 52 surement cell for testo 330-1 LL 53 surement cell for testo 330-1 LL 54 NO meas. cell, meas. range 0 to 3000 ppm, 1 ppm resolution for 54 O J -1/-1 LL 55 NOlow meas. cell, meas. range 0 to 300 ppm, 0.1 ppm resolution for 55 O J -1/-1 LL 55 NOlow meas. cell, meas. range 0 to 300 ppm, 0.1 ppm resolution for 56 O J -1/-1 LL 57 NOlow meas. cell, meas. range 0 to 300 ppm, 0.1 ppm resolution for 56 O J -1/-1 LL	0563 3314 70 Part no. 0390 0092 0390 0095 0390 0094 0390 0074 0390 0061 0390 0110 0554 3922 0554 3931
2 measurement cells 2 measurement cell for testo 330-1 0 measurement cell (without H2 compensation) for testo 330-1 Olow measurement cell 0 to 300 ppm for testo 330-1/-1 LL 0 measuring cell surement cell for testo 330-1 LL surement cell for testo 330-1 LL : NO meas. cell, meas. range 0 to 3000 ppm, 1 ppm resolution for 0-1/-1 LL : NOlow meas. cell, meas. range 0 to 300 ppm, 0.1 ppm resolution for	0390 0092 0390 0095 0390 0094 0390 0074 0390 0061 0390 0110 0554 3922 0554 3931
2 measurement cell for testo 330-1 0 measurement cell (without H2 compensation) for testo 330-1 Olow measurement cell 0 to 300 ppm for testo 330-1/-1 LL 0 measuring cell surement cell for testo 330-1 LL surement cell for testo 330-1 LL : NO meas. cell, meas. range 0 to 3000 ppm, 1 ppm resolution for 0-1/-1 LL : NOlow meas. cell, meas. range 0 to 300 ppm, 0.1 ppm resolution for	0390 0092 0390 0095 0390 0094 0390 0074 0390 0061 0390 0110 0554 3922 0554 3931
0 measurement cell (without H2 compensation) for testo 330-1 Olow measurement cell 0 to 300 ppm for testo 330-1/-1 LL 0 measuring cell surement cell for testo 330-1 LL surement cell for testo 330-1 LL : NO meas. cell, meas. range 0 to 3000 ppm, 1 ppm resolution for 0-1/-1 LL : NOlow meas. cell, meas. range 0 to 300 ppm, 0.1 ppm resolution for	0390 0095 0390 0094 0390 0074 0390 0061 0390 0110 0554 3922 0554 3931
Olow measurement cell 0 to 300 ppm for testo 330-1/-1 LL 0 measuring cell surement cell for testo 330-1 LL surement cell for testo 330-1 LL : NO meas. cell, meas. range 0 to 3000 ppm, 1 ppm resolution for 0-1/-1 LL : NOlow meas. cell, meas. range 0 to 300 ppm, 0.1 ppm resolution for	0390 0094 0390 0074 0390 0061 0390 0110 0554 3922 0554 3931
0 measuring cell surement cell for testo 330-1 LL surement cell for testo 330-1 LL : NO meas. cell, meas. range 0 to 3000 ppm, 1 ppm resolution for 0-1/-1 LL : NOlow meas. cell, meas. range 0 to 300 ppm, 0.1 ppm resolution for	0390 0074 0390 0061 0390 0110 0554 3922 0554 3931
surement cell for testo 330-1 LL surement cell for testo 330-1 LL : NO meas. cell, meas. range 0 to 3000 ppm, 1 ppm resolution for 0-1/-1 LL : NOlow meas. cell, meas. range 0 to 300 ppm, 0.1 ppm resolution for	0390 0061 0390 0110 0554 3922 0554 3931
surement cell for testo 330-1 LL : NO meas. cell, meas. range 0 to 3000 ppm, 1 ppm resolution for 0-1/-1 LL : NOlow meas. cell, meas. range 0 to 300 ppm, 0.1 ppm resolution for	0390 0110 0554 3922 0554 3931
: NO meas. cell, meas. range 0 to 3000 ppm, 1 ppm resolution for 0-1/-1 LL : NOlow meas. cell, meas. range 0 to 300 ppm, 0.1 ppm resolution for	0554 3922 0554 3931
: NOlow meas. cell, meas. range 0 to 300 ppm, 0.1 ppm resolution for	
	Part no.
e testo 330-1 to testo 330-1 LL (only by Testo service)	
testo 330-1 to testo 330-1 LL consisting of:	
ode upgrade testo 330-1 to testo 330-1 LL 02 LL measurement cell	0450 1100 0554 3938
CO LL measurement cell	0554 3936
pries	Part no.
) V mains unit for mains operation or batt. recharging in analyser	0554 1086
ch. batt. w/ charging station	0554 1087
inter with wireless IRDA and infrared interface, 1 roll of thermal paper A batteries	0554 0547
0A printer with bidirectional IrDA interface and rech. battery, for nication testo 330 and PDA	0554 0548
ermal paper for printer (6 rolls), permanent ink	0554 0568
reader to read in customer number on site	0554 0461
labels, self-adhesive (1200 off)	0554 0411
e pockets (50 off) for printout, paper barcode labels	0554 0116
ent cleaner (100 ml)	0554 1207
tester with oil, soot sheet, for measuring soot in flue gas	0554 0307
nnection set for separate gas pressure measurement	0554 1203
tial temperature set consisting of 2 pipe clamp probes and adapter	0554 1204
	0554 3385
article filter (10 off)	0554 3332
	055445
article filter (10 off)	0554 1211
article filter (10 off) sion EasyHeat (PC software)	0554 1211 0554 1210
e	pockets (50 off) for printout, paper barcode labels nt cleaner (100 ml) ester with oil, soot sheet, for measuring soot in flue gas inection set for separate gas pressure measurement lal temperature set consisting of 2 pipe clamp probes and adapter rticle filter (10 off) on EasyHeat (PC software)

Qty.	Cases	Part no.
	Basic system case for analyser, probes and accessories	0516 3330
	Basic system case with two levels for analyser, probes and additional accessories	0516 3331
	Product system case with small plastic boxes without contents, can be interlocked to basic system case	0516 0328
	Tools system case with tools section without content, can be interlocked to basic system case	0516 0329
	Universal system case w/o pockets, can be interlocked to basic system case	0516 0331
	Measurement case (leather) with drawers for instruments and accessories	0516 0303

Qty. Pro

Part no Modular flue gas probes, available in 2 lengths, incl. positioning cone, NiCr-Ni thermocouple, 2.2 m hose and particle filter Flue gas probe 180 mm long, Ø 8 mm, Tmax 500 °C 0600 9760 Flue gas probe 300 mm long, Ø 8 mm, Tmax 500 °C 0600 9761 Flue gas probe 180 mm long, Ø 6 mm, Tmax 500 °C 0600 9762 Flue gas probe 300 mm long, Ø 6 mm, Tmax 500 °C 0600 9763 Probe accessories Probe shaft 180 mm long, Ø 8 mm, Tmax 500 °C 0554 9760 Probe shaft 180 mm long, Ø 6 mm, Tmax 500 °C 0554 9762 Probe shaft 300 mm long, Ø 8 mm, Tmax 500 °C 0554 9761 Probe shaft 300 mm long, Ø 6 mm, Tmax 500 °C 0554 9763 Probe shaft, 335 mm long, with probe stop, Ø 8 mm, Tmax 1000 °C 0554 8764 Probe shaft, 700 mm long, with probe stop, Ø 8 mm, Tmax 1000 °C 0554 8765 Flexible probe shaft 330 mm long, Ø 10 mm, Tmax 500 °C 0554 9764 Multi-hole probe shaft, 300 mm long, Ø 8 mm, for mean CO calculation 0554 5762 Multi-hole probe shaft, 180 mm long, Ø 8 mm, for mean CO calculation 0554 5763 Hose extension, 2.8 m, extension cable for probe and analyser 0554 1202 6 mm probe stop, PTFE, with spring clamp and handle, Tmax 200 $^{\circ}\mathrm{C}$ 0554 3327 8 mm probe stop, PTFE, with spring clamp and handle, Tmax 200 $^{\circ}\mathrm{C}$ 0554 3328 8 mm probe stop, steel, with spring clamp and handle, Tmax 500 $^\circ\mathrm{C}$ 0554 3330 6 mm, probe stop, steel, with spring clamp and handle, Tmax 500 $^\circ\mathrm{C}$ 0554 3329 Additional probes 1 Dual wall clearance probe 0632 1260 0632 3330 Gas leak probe Ambient CO probe 0632 1247

	Ambient CO2 probe	0632 1240			
	Connection cable	0430 0143			
Combustion air temperature probe					
	Combustion air temperature probe, immersion depth 300 mm	0600 9791			
	Combustion air temperature probe, immersion depth 190 mm	0600 9787			
	Combustion air temperature probe, immersion depth 60 mm	0600 9797			
Additional temperature probes					
	Mini ambient air probe	0600 3692			
	Pipe clamp probe	0600 4593			
	Quick-action surface probe	0604 0194			
	Connection cable	0430 0143			

Sender

Name Address Company City Date, Signature Department