

Flue gas analyzers - special anniversary models

testo 330-1 LX, testo 330-2 LX and testo 330i LX

5-year warranty without maintenance contract on ${\rm O_2}$ and ${\rm CO}$ sensors

Dilution to 30,000 ppm CO (testo 330-2 LX / testo 330i LX)

Longlife sensors with up to 6 years' lifetime

Integrated sensor monitoring

TÜV-tested according to EN 50379, Parts 1-3

With Apps for operation and documentation

















In 2018, Testo is turning 60 – and we're celebrating with the testo 330-1 LX, testo 330-2 LX and testo 330i LX flue gas analyzers anniversary sets. They are the only models on the market with 5 years' warranty without a maintenance contract. The sets are completed each with a flue gas probe, printer, mains unit and case. The three measuring instruments meet the highest requirements regarding longevity, precision and reliability. Numerous stored measurement menus and intuitive operation make your daily work easier than ever before.

On top of this, the comprehensive flue gas probe range and other accessories from Testo often replace an additional instrument.

The anniversary models stand out thanks to high-quality measurement cells for O₂, CO and NO (optional), with an extended lifetime of up to 6 years. This saves at least one sensor replacement over the typical useful life. All 3 instruments have an App connection for more ease of operation and documentation.



Ordering data

Anniversary set testo 330-1 LX



Set consists of

- Flue gas analyzer testo 330-1 LX with O₂ sensor, CO sensor and Bluetooth®
- International mains unit
- Basic flue gas probe, length 180 mm, Ø 6 mm
- Spare dirt filter (10 off)
- System case for instrument, probes and accessories

Order no. 0563 6033 70

Anniversary set testo 330-1 LX with printer



Set consists of

- · Flue gas analyzer testo 330-1 LX with O₂ sensor, CO sensor and Bluetooth®
- · International mains unit
- · Basic flue gas probe, length 180 mm, Ø 6 mm
- Spare dirt filter (10 off)
- · Testo fast printer IRDA
- Spare thermal paper
- System case for instrument, probes and accessories

Order no. 0563 6033 71

Anniversary set testo 330-2 LX



Set consists of

- Flue gas analyzer testo 330-2 LX with O₂ sensor, H₂-compensated CO sensor and Bluetooth®
- International mains unit
- Modular flue gas probe, length 180 mm, Ø 8 mm
- Spare dirt filter (10 off)
- System case for instrument, probes and acces-

Order no. 0563 6034 70

Order no. 0563 6035 70

Anniversary set testo 330-2 LX with printer



Order no. 0563 6034 71

Set consists of

- Flue gas analyzer testo 330-2 LX with O₂ sensor, H₂-compensated CO sensor and Bluetooth®
- International mains unit
- Modular flue gas probe, length 180 mm, Ø 8 mm
- · Spare dirt filter (10 off)
- · Testo fast printer IRDA
- · Spare thermal paper
- System case for instrument, probes and acces-

Anniversary set testo 330i LX



Set consists of

- Flue gas analyzer testo 330i LX with O₂ sensor, CO sensor and Bluetooth®
- International mains unit
- Basic flue gas probe, length 180 mm, Ø 6 mm
- Spare dirt filter (10 off)
- Instrument case testo 330i

Anniversary set testo 330i LX with CO H₂-compensation



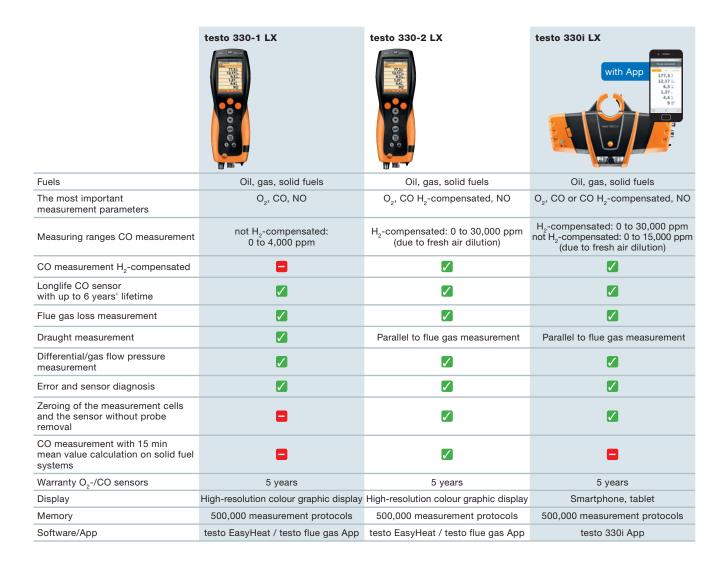
Set consists of

- · Flue gas analyzer testo 330i LX with O₂ sensor, H₂-compensated CO sensor and Bluetooth®
- · International mains unit · testoFix probe mount
- Modular flue gas probe, length 180 mm, Ø 8 mm
- Spare dirt filter (10 off)
- · Instrument case testo 330i

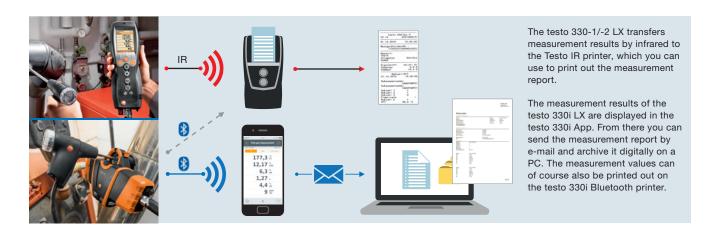
Order no. 0563 6035 71



testo 330 flue gas analyzers in comparison



Measure more flexibly. Document more easily.











Technical data

Measurement parameter	Measuring range	Accuracy (± 1 digit)	Resolution	t ₉₀
Temperature	-40 to +1,200 °C	±0.5 °C (0.0 to +100.0 °C) ±0.5 % of m.v. (remaining meas. range)	±0.1 °C (-40 - 999.9 °C) ±1 °C (remaining meas. range)	
Draught measurement	-9.99 to +40 hPa	±0.02 hPa or ± 5% of m.v. (-0.50 to +0.60 hPa) ±0.03 hPa (+0.61 to +3.00 hPa) ±1.5% of m.v. (+3.01 to +40.00 hPa)	0.01 hPa	
Pressure measurement	0 to 300 hPa	±0.5 hPa (0.0 to 50.0 hPa) ±1% of m.v. (50.1 to 100.0 hPa) ±1.5 % of m.v. (remaining meas. range)	0.1 hPa	
O ₂ measurement	0 to 21 vol.%	±0.2 vol.%	0.1 vol.%	< 20 sec
CO measurement (without H ₂ compensation)	0 to 4,000 ppm	±20 ppm (0 to 400 ppm) ±5% of m.v. (401 to 2,000 ppm) ±10% of m.v. (2,001 to 4,000 ppm)	1 ppm	< 60 sec
CO measurement (H ₂ -compensated)	0 to 8,000 ppm	±10 ppm or ±10% of m.v. (0 to 200 ppm) ±20 ppm or ±5% of m.v. (201 to 2,000 ppm) ±10% of m.v. (2,001 to 8,000 ppm)	1 ppm	< 60 sec
CO measurement (H_2 -compensated) (testo 330-2 LX with automatic dilution)	0 to 30,000 ppm	±100 ppm (0 to 1000 ppm) ±10% of m.v. (1001 to 30,000 ppm)	1 ppm	
CO measurement (H ₂ -compensated) with activated measuring range extension (testo 330i LX)	0 to 30,000 ppm	±200 ppm or ±20 % of m.v. (0 to 30,000 ppm)	1 ppm	
CO measurement (not H ₂ -compensated) with activated measuring range extension (testo 330i LX)	0 to 15,000 ppm	±200 ppm or ±20 % of m.v. (0 to 15,000 ppm)	1 ppm	
Efficiency testing (Eta)	0 to 120%	0.1%		
Flue gas loss	0 to 99.9%		0.1%	
CO₂ determination (digital calculation from O ₂)	Display area 0 to CO ₂ max	±0.2 vol.%	0.1 vol.%	< 40 sec
Option NO measurement	0 to 3,000 ppm	±5 ppm (0 to 100 ppm) ±5% of m.v. (101 to 2,000 ppm) ±10% of m.v. (2,001 to 3,000 ppm)	1 ppm	< 30 sec
Ambient CO2 measurement (with CO probe)	0 to 500 ppm	±5 ppm (0 to 100 ppm) ±5 % of m.v. (>100 ppm)	1 ppm	approx. 35 sec
Gas leak measurement for combustible gases (with gas leak detector probe)	Display range 0 to 10,000 ppm CH ₄ /C ₃ H ₈	Signal visual indication (LED) audible indication by buzzer		< 2 sec
Ambient CO ₂ measurement (with ambient CO ₂ probe)	0 to 1 vol.% 0 to 10,000 ppm	± 50 ppm or ± 2% of m.v. (0 to 5,000 ppm) ± 100 ppm or ± 3% of m.vl. (5,001 to 10,000 ppm)		approx. 35 sec
Differential pressure, flow velocity and temperature (via fine pressure probe)	±10,000 Pa 0.15 to 3 m/s max40 to +1,200 °C (dependent on probe)	±0.3 Pa (0 to 9.99 Pa) plus ±1 digit ±3% of m.v. (10 to 10,000 Pa) plus ±1 digit ±0.5 °C (-40 to 100 °C) ±0.5 % of m.v. (remaining meas. range) plus probe accuracy	0.1 m/s 0.1 °C	

General technical data

Compatability (testo 330i LX)	requires iOS 7.1 or newer / Android 4.3 or newer	
	requires mobile end device with Bluetooth 4.0	
Weight (without battery)	testo 330i LX: 720 g testo 330-1/-2 LX: 600 g	
Dimensions	testo 330i LX: 270 x 160 x 57 mm testo 330-1/-2 LX: 270 x 90 x 65 mm	
Storage temperature	-20 to +50 °C	
Operating temp.	-5 to +45 °C	

Power supply	Rechargeable battery pack 3.7 V / 2.6 Ah; mains unit 6 V / 1.2 A		
Memory	500,000 readings		
Display testo 330-1/-2 LX	Colour graphic display 240 x 320 Pixel		
Guarantee	Gas sensors (O ₂ , CO) Instrument/probe NO sensor Thermocouple and battery	60 months 48 months 24 months 12 months	
Guarantee conditions	https://www.testo.com/guarantee	12 1110111115	