

# Commercial Combustion Analyzer

testo 330-1G LL




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Measures O<sub>2</sub>, CO (up to 4,000 ppm), Nitric Oxide Sensor (optional), draft, ambient and flue temperatures

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Calculates CO<sub>2</sub>, efficiency, excess air, CO air free

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Optional in-stack zeroing feature eliminates climbing the stack to remove the probe and zero the instrument before restarting measurement

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O<sub>2</sub> / CO Long-Life Sensors (up to 6 years) 4-year sensor warranty

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On-board instrument diagnostics & quick leak check

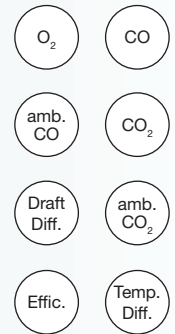
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Pre-programmed fuels

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Up to 10 hours continuous operation with rechargeable Lithium batteries

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**Bluetooth**<sup>®</sup>  
(Optional for iOS and Android)

The testo 330-1G LL combustion analyzer offers accurate combustion analysis with colorful charts and graphs that save time and reduce uncertainty during tuning and troubleshooting. Simply set the parameters and watch real time results on the display in either standard “numeric” or “graphic” view during tuning adjustments.

The 330-1G LL provides easy operation with simple icons and intuitive menus. Bluetooth and Bluetooth printer option, a 4-year warranty -- the longest in the market -- and long life O<sub>2</sub> and CO sensors, with an expected sensor life of up to 6 years, makes the 330-1G LL a combustion analyzer that will serve you well.

The testo combustion App uses measurement data to create custom reports (including adding photos and comments). Information and reports can be saved as files and / or sent by e-mail in PDF or Excel format.

Other notable features include:

- Data logging up to 2 hours (stores 500,000 readings)
- Differential pressure
- Differential temperature (with optional probes)
- Gas pipe testing: pressure drop, pipe commissioning, etc.
- Gas leak (with optional probe)
- Wide temperature range
- USB connectivity to PC with EasyHeat software

# testo 330-1G LL (Commercial Combustion Analyzer)

## Kit 1: Essentials kit (Part no. 0563-3371-70)

Kit includes: Analyzer, 12" flue gas probe, Li-Ion rechargeable battery with universal AC adapter, particle filters (pack of 10), case, certificate of conformity

## Kit 2: Essentials kit plus printer (Part no. 0563-3371-75)

Kit includes all components Kit #1 PLUS: Fast IR printer, thermal paper (6 rolls - 10 year legibility)

## Kit 4: Essentials kit with NOx and printer (Part no. 400563-3304)

Kit includes all components Kit #1 PLUS: NO upgrade module (0-3,000 ppm - high range, 1 ppm res.), fast IR printer, thermal paper (6 rolls - 10 year legibility)



Essentials Kit with Printer

**NOTE:** Bluetooth optional for all 330 kits and can be installed by Testo at any time

## Technical data

Measurement parameters	Measuring range	Accuracy
<b>O<sub>2</sub> Measurement</b>	0 to 21%	±0.1%
<b>CO Measurement (H<sub>2</sub> compensated)</b>	0 to 4,000 ppm	±20 ppm (0 to 400 ppm) ±5 ppm or ±5% of reading (401 to 1,000 ppm) ±10% of reading (1,001 to 4,000 ppm)
<b>NO (Nitric Oxide) Measurement (Optional)</b>	0 to 3,000 ppm	±5 ppm (0 to 100 ppm) ±5% of reading (101 to 2,000 ppm) ±10% of reading (2,001 to 3,000 ppm)
<b>CO<sub>2</sub> (Calculated)</b>	0 - CO <sub>2</sub> max	±0.2% Calculated from O <sub>2</sub>
<b>Draft &amp; pressure Pressure Differential</b>	-4.01 to 16 inH <sub>2</sub> O 0 to 80 inH <sub>2</sub> O	±0.008 inH <sub>2</sub> O or ±5% of reading (-0.02 to .24 inH <sub>2</sub> O) ±1% of reading (20.1 to 40 inH <sub>2</sub> O) ±1.5% of reading (40 to 80 inH <sub>2</sub> O)
<b>Flue Temperature Ambient Temperature (plus Temp. Differential)</b>	-40° to 2,192 °F (Flue) -4° to 122 °F (Ambient)	±1 °F (-40° to 1,830 °F) ±1 °F
<b>Flue gas loss</b>	0 to 99.9%	Calculated
<b>Efficiency</b>	0 - 100%	Calculated
<b>Pressure Pressure Differential (with optional probe)</b>	-0 to 120 inH <sub>2</sub> O	±0.2 inH <sub>2</sub> O (0 to 20 inH <sub>2</sub> O) ±1% of reading (20.1 to 40 inH <sub>2</sub> O)
<b>Ambient CO measurement</b>	0 to 500 ppm (with optional probe)	±5 ppm (0 to 100 ppm)

<b>Operating temp.</b>	23° to 113 °F
<b>Storage temp.</b>	-4° to 122 °F
<b>Power Supply</b>	Universal 120/240 VAC 50/60 Hz
<b>Dimensions</b>	10.6 x 3.5 x 2.6 in.
<b>Weight</b>	1.5 lbs.
<b>Memory</b>	500,000 readings
<b>Display</b>	Color Graphic (240 x 320 px)
<b>Rechargeable Battery</b>	Li-ion rechargeable 6.3V / 1.2A >6 hours using AC or USB
<b>Warranty</b>	24 mos. - instrument, probe 48 mos. - CO, O <sub>2</sub> sensors 24 mos. - NO sensor 12 mos. - thermocouple, rechargeable battery



Not responsible for typographical errors.

Subject to change without notice.

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## Distributor:



Testo USA  
40 White Lake Road  
Sparta, NJ 07871  
Phone: 800-227-0729  
Fax: 862-354-5020  
email: info@testo.com  
www.testo.com