

We measure it.



# Light Industrial Combustion Analyzer

testo 330-2G LL



Measures O<sub>2</sub>, CO (up to 8,000 ppm / 30,000 ppm w/ dilution), Nitric Oxide Sensor (optional), draft, ambient and flue temperatures

Dilution prevents CO sensor overrange, maximizing sensor life

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

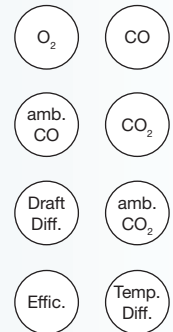
Pre-programmed fuels, including solid fuel

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

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

On-board instrument diagnostics & quick leak check

Up to 10 hours continuous operation with rechargeable Lithium batteries



**Bluetooth®**  
(Optional for  
iOS and Android)

The testo 330-2G 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 330-2G 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 330-2G LL a combustion analyzer that will serve you well.

Additionally the 330-2G LL comes equipped with a Quick Start function - zero start-up time with probe in the flue and the ability to Zero in high stack

for sampling without having to climb ladders. 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 330-2G LL (Light Industrial Combustion Analyzer)

## Kit 1: Essentials kit (Part no. 0563-3372-71)

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

## Kit 2: Essentials kit with NOx (Part no. 400563 3372)

Kit includes all components of Kit #1 PLUS: NO upgrade module (0-3,000 ppm - high range, 1 ppm res.)

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



Essentials Kit with  
Optional Printer

## Technical data

| Measurement parameters                                                | Measuring range                                              | Accuracy                                                                                                                                                   |
|-----------------------------------------------------------------------|--------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>O<sub>2</sub> (Oxygen)</b>                                         | 0 to 21%                                                     | ±0.1%                                                                                                                                                      |
| <b>CO Measurement (H<sub>2</sub> compensated)</b>                     | 0 to 8,000 ppm<br>(up to 30,000 ppm w/ dilution)             | ±10 ppm or ±10% of reading (0 to 200 ppm)<br>20 ppm or ±5% of reading (201 to 2,000 ppm)<br>±10% of reading (2,001 to 8,000 ppm)                           |
| <b>NO (Nitric Oxide) measurement (Optional)</b>                       | 0 to 3,000 ppm                                               | ±5 ppm (0 to 100 ppm)<br>±5% of reading (101 to 2,000 ppm)<br>±10% of reading (2,001 to 3,000 ppm)                                                         |
| <b>CO<sub>2</sub> (Carbon Dioxide)</b>                                | 0 - CO <sub>2</sub> max                                      | ±0.2%<br>Calculated from O <sub>2</sub>                                                                                                                    |
| <b>Draft &amp; pressure Pressure Differential</b>                     | -4.01 to 16 inH <sub>2</sub> O<br>0 to 80 inH <sub>2</sub> O | ±0.2 inH <sub>2</sub> O (0.0 to 20 inH <sub>2</sub> O)<br>±1% of reading (20.1 to 40 inH <sub>2</sub> O)<br>±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)<br>-4° to 122 °F (Ambient)           | ±1 °F (-40° to 1,832 °F)<br>±1 °F (-4° to 122 °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)<br>±1% of reading (20.1 to 40 inH <sub>2</sub> O)                                                     |
| <b>Ambient CO measurement</b>                                         | 0 to 500 ppm<br>(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<br>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<br>>6 hours using AC or USB                                                                                |
| <b>Warranty</b>             | 24 mos. - instrument, probe<br>48 mos. - CO, O <sub>2</sub> sensors<br>24 mos. - NO sensor<br>12 mos. - thermocouple, rechargeable battery |



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