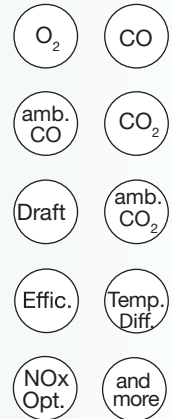


testo 330-1G LL Combustion analyzer

With graphic display and
long-life O₂ and CO sensors.
(up to six years)

- Measures O₂, CO, (NO_x option), draft & temperature (ambient & flue)
- Calculates CO₂, efficiency, excess air, CO air free
- Long-Life sensors (up to 6 years) with over-range protection
- CO overrange protection
- On-board instrument diagnostics & quick leak check
- User defined fuels
- USB interface EasyHeat™ software for data readout, data logging and print via PC (option)
- Up to 10 hours continuous operation
- Field replaceable pre-calibrated sensors
- **4 year O₂ CO sensor warranty!!**



Residential through light commercial applications

The testo 330-1G LL is combustion analysis without the confusion. Redesigned with a full color graphic display, the 330-1G LL combustion analyzer allows the user to visualize the measurement data graphically without watching numerical values.

Self-explanatory graphic curves, easy-to-understand symbols and a clear color display makes understanding the measurement data a breeze. It allows users to know exactly where they are and the trend line shows where the measurement is heading during the adjustment process.

Concentrations of O₂ and CO are graphically identified as safe and efficient (green zone), confirming the operation falls within the manufacturer's guidelines.

User configuration allows the display of 4- to 8-lines as numerical values in the line-graph display, showing trends that may compromise safe operation or fuel combustion such as depressurization of the combustion air zone, loss of draft, or fluctuating O₂ due to potential heat exchanger failure.



testo 330-1G LL Combustion analyzer

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

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

Kit #2 (Part no. 0563-3371-75):

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

Kit #4 (Part no. 400563-3304):

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

Technical data

Parameter	Measuring range	Accuracy
O₂ (Oxygen)	0 to 21%	±0.1%
CO (Carbon Monoxide)	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)
NO (Nitric Oxide) measurement (optional)	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)
CO₂ (Carbon Dioxide)	0 - CO ₂ max	±0.2% Calculated from O ₂
Draft	-4.01 to 16 "H ₂ O 0 to 80 "H ₂ O	±0.008 "H ₂ O or ±5% of reading (-0.02 to .24 "H ₂ O) ±1% of reading (20.1 to 40 "H ₂ O) ±1.5% of reading (40 to 80 "H ₂ O)
Flue Temperature Ambient Temperature (plus Temp. Differential)	-40° to 2192 °F Flue -4° to 122 °F Ambient	±1 °F (-40° to 1830 °F) ±1 °F
Flue gas loss	0 to 99.9%	calculated
Efficiency	0 - 100%	calculated
Pressure Pressure Differential (with optional probe)	-0 to 120 "H ₂ O (70 oz/in ²)	±0.2 "H ₂ O (0 to 20 "H ₂ O) ±1% of reading (20.1 to 40 "H ₂ O)
Ambient CO measurement	0 to 500 ppm with optional probe	±5 ppm (0 to 100 ppm)

Operating temp.	23° to 113 °F
Storage temp.	10° to 122 °F
Power supply	Rechargeable, AC 3.7V/2.6 Ah
Dimensions	10.6x3.5x2.6 in.
Weight	1.32 lbs.
Memory	500,000 readings
Warranty	24 mos. - instrument, probe 48 mos. - CO, O ₂ sensors 24 mos. - NO sensor 12 mos. - thermocouple, rechargeable battery



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