



NEW! testo 330-1G LL color graphic combustion analyzer



The **testo 330-1G LL**, is combustion analysis without 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 ease the understanding of the measurement data considerably. This allows users to know exactly where they are at and shows a trend line of where they are heading during the adjustment process.

Thumb symbols confirm instantly system status of O₂ and CO concentrations in the green zone (safe & efficient) confirming operation falls within the manufacturer's guidelines.

User configuration allows the display of 4 to 8 lines as numerical values and 4 measurement values simultaneously in a line-graph display. This feature shows trends that may be compromising 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.



Understand combustion analysis at a glance...

MEASURES

Temperature

Draft

O₂

CO

Efficiency

CO₂

Ambient CO

Gas Leakage

Ambient CO#

Features

- New instrument design
- 240 x 320 Color graphic display
- Graphic processing of data
- Self diagnostics
- Gas standing pressure test
- User defined fuels
- Logger function for long term measurement
- Long life sensors (up to 6 years CO & O₂)
- 4 year sensor guarantee
- Reduced cost of ownership
- Memory up to 500,000 readings
- USB interface for data readout to PC
- Over 10 hours continuous operation



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Technical Data

Temperature	Meas. range Accuracy Resolution	-40 to +2192 °F ±1 °F (32 to +212.0 °F) 0.1 °F (-40 to 1830°F)
Draft measurement	Meas. range Accuracy (the greater value applies) Resolution	-4.01 to +16 inH ₂ O (-998 to 3985 Pa) ±0.008 inH ₂ O or ±5% of reading (-0.02 to +0.24 inH ₂ O) ±0.01 inH ₂ O (+0.25 to +1.20 inH ₂ O) 0.01 inH ₂ O (1 Pa)
Pressure measurement	Meas. range Accuracy Resolution	0 to 120 inH ₂ O (70 oz/in ²) ±0.2 inH ₂ O (0.0 to 20.0 inH ₂ O) ±1% of reading (20.1 to 40.0 inH ₂ O) 0.1 inH ₂ O
O₂ measurement	Meas. range Resolution Accuracy	0 to 21% 0.1 % ±0.2 %
CO measurement	Meas. range Resolution Accuracy	0 to 4000 ppm 1 ppm ±20 ppm (0 to 400 ppm) ±5% of reading (401 to 1000 ppm) ±10% of reading (1001 to 4000 ppm)
Efficiency	Meas. range Resolution	0 to 120% 0.1%
Flue gas loss	Meas. range Resolution	0 to 99.9% 0.1%
CO₂ measurement	Display range Resolution Accuracy Digital calculation from O₂ Meas.	0 to CO ₂ max 0.1 Vol. % ±0.2 Vol. % Calculated from O ₂
Option NO measurement	Meas. range Resolution Accuracy	0 to 3000 ppm 1 ppm ±5 ppm (0 to 100 ppm) ±5% of reading (101 to 2000 ppm) ±10% of reading (2001 to 3000 ppm)
Ambient CO measurement	Meas. range Resolution Accuracy	0 to 500 ppm 1 ppm ±5 ppm (0 to 100 ppm)

General Technical Data

Memory	500,000 readings
Weight	1.32 pounds
Dimensions	10.6 x 3.5 x 2.6 inches
Storage temperature	10 to 122 °F
Operating temperature	23 to 113 °F
Power supply	Rechargeable battery 3.7 V, 2.6 Ah (>10 hours operation)

Warranty

Instrument and probe 2 years/gas sensors (O₂, CO) 4 years
NO, sensor 2 years
Thermocouple and rech. battery 1 year

Ordering Information

330-1G LL Kit #1:

Combustion Analyzer, probe, spare filters, power pack and case

.....Part no. 0563 3371 70

330-1G LL Kit #2:

Combustion Analyzer, probe, spare filters, power pack and case PLUS IR Printer and spare paper

.....Part no. 0563 3371 75

330-1G LL Kit #3:

Deluxe Combo: Combustion Analyzer, probe, spare filters, power pack, case, IR Printer and spare paper PLUS basic spot tester

.....Part no. 400563 3303

330-1G LL Kit #4:

Combustion Analyzer, probe, spare filters, power pack, case, IR Printer and spare paper PLUS NO upgrade module 0-3000 ppm

.....Part no. 400563 3304

330-1G LL Kit #5:

Combustion Analyzer, probe, spare filters, power pack, case, IR Printer and spare paper, PLUS EasyHeat Software and USB cable

.....Part no. 400563 3305

Distributor: