



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

MEASURES

Temperature

Draft

O₂

CO

Efficiency

CO₂

COlow

Ambient CO

Gas Leakage

Ambient CO₂

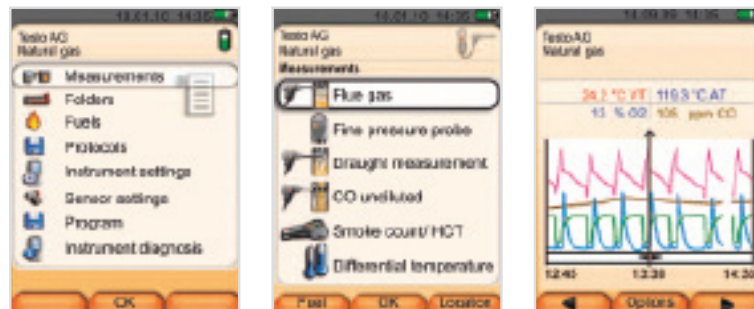


The **testo 330-1G LL**, is combustion analysis without confusion. Redesigned with a full color graphic display, the 330-1G LL combustion analyzer allows the user to visualize the measurement data graphically without watching numerical values.

Self-explanatory graphic curves as well as easy to understand symbols and a clear color display ease the understanding of the measurement data considerably showing the user where they are at, and a trend line of where they are headed 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 manufacturers 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...

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

testo, Inc.



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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)

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

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

Distributor:



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