



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

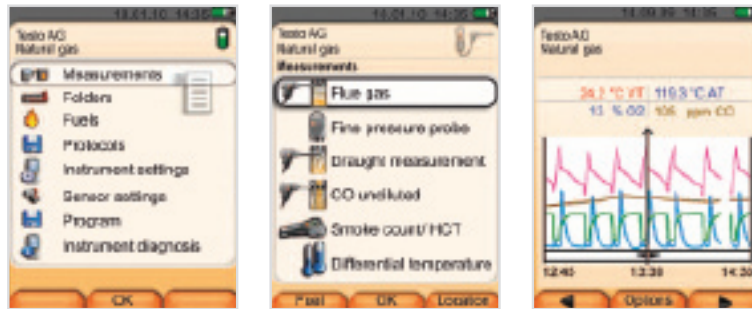


The **testo 330-1G LL**, is combustion analysis without confusion. Redesigned with a full color graphic display, the 330-1G LL combustion analyzer allows the user to visualize the measurement data graphically without watching numerical values.

**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 O<sub>2</sub> 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 O<sub>2</sub> due to potential heat exchanger failure.



## **Understand combustion analysis at a glance...**

MEASURES

Temperature

Draft

O<sub>2</sub>

CO

Efficiency

CO<sub>2</sub>

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 & O<sub>2</sub>)
- 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

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

### General Technical Data

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

### Warranty

Instrument and probe 2 years/gas sensors (O<sub>2</sub>, 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: