



testo **330-2 LL**

Advanced Combustion Analysis with *LongLife* Sensors

The 330-2 LL combustion analyzer combines advanced sensor technology with rugged electronics and advanced user operation for the next generation in combustion analysis. With the development of our unique “long-lasting” sensors, you can count on maximum uptime, more profitability and the best accuracy in the industry!

4 Year Warranty - industry best!

features:

- **Testo Smart Sensors**
 - Pre-calibrated
 - True plug and play
 - Longest life span
 - Wide-range
- **Extended Operating Range**
 - Start and zero with probe in stack
 - CO expansion to 30,000 ppm
 - Auto high range switch-off protection
 - 18 user selectable fuels
- **Advance Moisture Protection**
 - Intelligent water trap with auto pump switch-off
- **Diagnostic “i” Button**
 - Sensor diagnostics
 - Flow rate and leak check
 - Water trap status
 - Battery status
- **Expandable Probe System**
 - Interchangeable 12 inches or 28 inches click-on high temp shafts
 - 9-foot hose extension
 - Optional ambient CO, CO₂, gas leak probes
- **Powerful Data Management**
 - Fast print to testo IR printer
 - PC software with USB interface, download and upload customer information, 400 onboard memory locations with addresses and system numbering!

advanced features:

- Automatic instrument leak test
- Display of last maintenance check
- Operation hour counter
- Interface to testo easyHeat Software with analysis and graphics functions and real time data logging measurements
- Interface to burners
- Calculated parameter: Flue gas dewpoint
- Integrated impact protection with magnet, recessed display
- Protection class: IP40



- O₂
- CO
- NO (NO_x)
- °F/°C
- CO₂ (calc)
- Pressure
- Efficiency
- Excess Air

**Commercial Boiler/
Burner Tuning**
Combustion Efficiency
NO_x Testing



technical data:

Parameter	Measuring Range	Accuracy
O ₂ Long Life Sensor	0 to 21 Vol.%	±0.2 Vol.%
CO, (H ₂ -compensated) Long Life Sensor	0 to 8,000 ppm	±10 ppm or ±10% rdg. at 0 to 200 ppm ±20 ppm or ±5% of rdg. at 201 to 2,000 ppm ±10% of rdg. at 2,001 to 8,000 ppm
Auto CO dilution	8,000 to 30,000 ppm	
NO	0 to 3,000 ppm	±5 ppm at 0 to 100 ppm ±5% of rdg. at 101 to 2,000 ppm ±10% of rdg. at 2001 to 3,000 ppm
NO (low meas.)	0 to 300 ppm	±2 ppm at 0.0 to 40.0 ppm ±5% of rdg. at 40.1 to 300.0 ppm
Draft and pressure	-4 to 16" H ₂ O 0 to 80" H ₂ O	±0.2" H ₂ O at 0 to 20" H ₂ O ±1% of rdg. at 20 to 40" H ₂ O 1.5% of rdg. at 40 to 80" H ₂ O
CO ₂ (calculated)	0 to CO ₂ max	
Temperature	-40 to 1832°F	
Efficiency	0 to 100%	

specifications:

Description:	
Operating temp range:	23 to 113°F
Storage/transport range:	-4 to 122°F
Power supply:	lithium ion rechargeable, AC 6.3V/1.2A
Dimensions:	10" x 3.5" x 2.5"
Weight:	1.5 pounds
Memory:	400 locations
Display:	Monochrome, 160 x 240 pixels
Battery charge time:	>6 hours

Warranty:	
Instrument:	48 months
Sensors:	
CO & O ₂ sensor:	48 months
NO sensor:	24 months
Flue gas probe:	24 months
Thermocouple:	12 months
Rechargeable battery:	12 months



Optional probes:

Ambient CO	0 to 500 ppm
Gas Leak	0 to 10,000 ppm
Ambient CO ₂	0 to 10,000 ppm



Long lasting
pre-calibrated
sensors