



testo **327**

new!

## Combustion Analyzer

This basic efficiency analyzer is designed for heating technicians installing or servicing burners, boilers, furnaces and other combustion appliances to ensure each system's safe operation and efficiency. These sturdy, lightweight analyzers are rugged and reliable with durable sensors that come standard with a three-year warranty – the best in class! The 327 operates longer in the field with minimal routine maintenance. Once every three to four years simply order a do-it-yourself maintenance sensor and supplies for replacement in the field, not in the factory!

**Advanced Sensor Technology - 3-year warranty on sensors**



### testo 327 features:

- Fast 30-second warm-up
- 4-line backlit display (user configurable)
- Rugged single line probe connection
- Integrated protective boot - dishwasher safe!
- Built-in magnetic back
- Wireless IR link for printer
- 5 hr. Li-Ion rechargeable battery
- Easily accessible field serviceable sensors
- Pre-programmed with 8 standard fuels

**PLUS testo Exclusive!**  
**Includes BioHeat® 5 fuel code**

**Easy-to-Use • Easy-to-Maintain • Reliable**



The condensate trap can be easily and quickly emptied



Easy-to-change particle filter built into probe handle

### Measures:

- O<sub>2</sub>
- CO (ambient and stack)
- Stack temp.
- Differential temp. (opt.)
- Draft
- Differential pressure
- Gas pressure

### Calculates:

- Combustion efficiency
- CO<sub>2</sub>
- CO-Air Free

BioHeat is a registered trademark of the National Biodiesel Board



### sensor specifications:

Parameter	Range	Resolution
O <sub>2</sub>	0 – 21%	0.1%
CO	0 – 4,000	1 ppm
Probe temp.	-40°F to +932°F	0.1°F
Draft	±16" H <sub>2</sub> O	0.001" H <sub>2</sub> O
Diff. pressure	±80" H <sub>2</sub> O	0.01" H <sub>2</sub> O
CO <sub>2</sub> (Calculated)	0 – CO <sub>2</sub> max	0.01%

### instrument specifications:

Description:	
Operating temperature range:	-23°F to 113°F
Storage temperature range:	-4°F to 120°F
Dimensions (L x W x H):	8.5" x 2.7" x 1.9"
Weight:	1.1 lbs.
Power supply:	Li-Ion rechargeable battery

Warranty:	
Instrument:	24 months
Probes and battery:	12 months
O <sub>2</sub> and CO sensors:	36 months

### ordering information:

327 Combustion Analyzer Kits	Order #
Kit 2 – Combustion analyzer, probe, spare filters, power pack and case	400563 3272
Kit 3 – Kit 2 PLUS IR Printer and spare paper	400563 3273
Kit 4 – Kit 3 PLUS Smoke spot tester	400563 3274
Accessories	Order #
IR printer (includes 1 roll of paper)	0554 0547
Spare (10 hr.) Li-Ion battery w/ charger	0554 1087
Smoke spot tester	0554 1317
Adapter for pressure testing	0554 1203
Differential temp. (2 pipe probes & adapter)	0554 1204
Spare particle filters	0554 0040
Spare printer paper (6 rolls)	0554 0568
Replacement O <sub>2</sub> cell	0390 0047
Replacement CO cell	0390 0046
Replacement (5 hr.) Li-Ion battery	0515 0114
Replacement (10 hr.) Li-Ion battery	0515 0100
Replacement thermocouple (12")	0430 0384



Distributor:

Information subject to change without notice. Not responsible for typographical errors.