testo 310.

Fully featured.
Priced right.

Residential Combustion Analyzer

sales@GlobalTestSupply.com www.Testo-Direct.com 1.888.610.7664

The simple nature of combustion analysis.

Right the first time - every time.

The testo 310 residential combustion analyzer represents a new class of instruments for Testo and provides exceptional value and expanded capabilities in combustion testing. The 310 sets a new standard in reliable combustion tuning with its rugged housing, simple design and advanced sensor technology.

The **easy-to-read backlit display** shows more measurements which provides a more complete picture of the combustion process. **Simple *top-of-display* icons** show you the current measurement functions. After only 30 seconds the 310 is ready to test.

Fully featured - for better testing and tuning.

- O_2, CO (w/ NOx filters standard), CO_2
- Draft & Pressure
- Temperature (flue & ambient)
- Combustion efficiency & excess air
- Undiluted CO (CO air free)
- Ambient CO

Simple to use with reliable results.

The testo 310 eliminates the need for look up charts and the purchase and disposal of expensive chemicals. The **kink-resistant hose** is integrated into the housing to eliminate leaks. The stainless steel probe and cone-stop is **perfect for residential furnace, boiler and water heater applications**. With five different fuels to select from, it provides the flexibility you need for your tuning opportunities.

Faster, productive - tune ups, maintenance, and more...

Whether you need to perform basic or more complex combustion tuning, perform maintenance or safety checks, or install new combustion units, the fully featured testo 310 delivers more combustion parameters. Use the 310 for accurate heating adjustment so you can get it right the first time - every time.

More features...more productive.

The new definition of testing and reliability...

Rugged by design
The testo 310 can stand up to the toughest job site.

Bright backlit display
Five-line backlit display with two-line readout and easy-to-navigate menu structure.

30 seconds to start
Start testing faster - in only 30 seconds.

10 hour battery life
Work all day with lithium rechargeable battery technology.

Quick exchange probe filter
Protect the instrument's measurement accuracy with replacement filters.

Powerful magnets
Powerful magnets on the 310's housing allows for hands-free operation.

Condensate trap
Quick and easy emptying of the integrated condensate trap.

Wireless printer with integrated magnets
For professional job site documentation.

We measure it. testo

testo 310 combustion kits and accessories.

testo 310 combustion analyzer kit

Includes: analyzer, battery, sensors, probe w/ cone, hose, silicon tubing (for pressure), extra particulate filters (5), AC power supply (USB), pressure plugs (5), calibration certificate, & case.

Order no. 0563 3100

testo 310 combustion analyzer kit with printer

Includes: all items in kit as shown above (0563 3100) *plus* IR printer (0554 3100), & 2 rolls of thermal paper.

Order no. 0563 3110

Product kits	Part no.
testo 310 combustion analyzer kit	0563 3100
testo 310 combustion analyzer kit with printer	0563 3110

Accessories	Part no.
USB power supply incl. cable	0554 1105
Testo IR printer	0554 3100
Testo fast printer IRDA	0554 0549
Spare thermal paper (six rolls)	0554 0568
Spare particle filter	0554 0040

Power	10 hour - Lithium Ion - rechargeable
Size/Weight	7.9 x 3.2 x 1.7 in./approx. 1.5 lbs.
Storage Temp.	-4° to 122 °F
Operating Temp.	23° to 113 °F

Warranty
24 mos. - instrument, sensors, probe 12 mos. - thermocouple, rechargeable battery

CE

Technical data

Parameter	Measuring range	Accuracy	Parameter	Measuring range	Method
O_2	0 to 21 vol.%	±0.2 vol.%	**CO_2**	0 - CO_2 max	calculated
CO (w/ NOx filter)	0 to 4000 ppm	±20 ppm (0 to 400 ppm) ±1.5% of reading (401 to 2000 ppm) ±10% of reading (2001 to 4000 ppm)	**Efficiency**	0 - 100%	calculated
Ambient CO	0 to 4000 ppm	±20 ppm (0 to 400 ppm) ±1.5% of reading (401 to 2000 ppm) ±20% of reading (2001 to 4000 ppm)	**Excess Air (EXA)**	0 - 100%	calculated
Temperature **- Combustion** **- Ambient**	32° to 752 °F (0° to 400 °C) -4° to 212 °F (20° to 100 °C)	±2 °F (32° to 212 °F) ±1.5% of reading (>100 °F) ±2 °F	**CO Undiluted (U CO) or (CO Airfree)**	0 - 4000 ppm	calculated
Draft	-8 to +8 "H_2O	±0.01 "H_2O ±1.5% of rdg. (remaining range)	**Selectable fuels**	natural gas; propane; fuel oil 2; bio heat 5; wood (w/ 20% moisture)	
Pressure	-16 to +16 "H_2O	±0.2 "H_2O			