



# NEW testo 350 Kits for Boiler & Burner Testing

Part No. 400563 3512

- testo 350 Control Unit and Analyzer Box
- Sensors in Kit: O<sub>2</sub>, CO, NO, NO<sub>2</sub>
- Bluetooth 2.0 communication
- Internal memory to 250,000 readings
- Advanced sensor temperature compensation
- Multiple temperature measurement (stack, sensor, ambient)
- Sample flow rate monitoring (EPA compliant)
- Auto CO over-range protection
- Thermoelectric sample conditioner with condensate removal pump
- Fresh air valve for automatic programs and long term testing
- Differential pressure measurement
- USB connection
- AC power cable
- Automatic calculations: CO<sub>2</sub>, efficiency, excess air, loss, O<sub>2</sub> reference for corrected emission values
- 13" sampling probe (932 °F max) with 7' hose
- Extra particle filters
- 6' data bus communication cable
- easyEmission software
- Rugged case



Example of a typical testo 350 kit.

Sensors in Kit:	Range:
O <sub>2</sub>	0-25%
CO	0-10,000 ppm
NO	0-4,000 ppm
NO <sub>2</sub>	0-500 ppm

	Other Upgrades & Accessories	Part Number
<b>Sensors</b>	CO low (0-500ppm, 0.1ppm resolution, H2 compensated)	0554 2102
	NO low (0-300ppm, 0.1ppm resolution)	0554 2152
	CO <sub>2</sub> (NDIR) 0 - 50%	0554 2400
	HC 400 ppm - 4% (min O <sub>2</sub> required)	0554 2300
	SO <sub>2</sub> (0-5,000ppm, 1ppm resolution)	0554 2250
	H <sub>2</sub> S (0-300ppm, 0.1ppm resolution)	0554 2350
<b>Probes &amp; Hoses</b>	Hose extension - 9 feet each (Ability to add five additional for sampling up to 53')	0554 1202
	High temperature (1832 °F) 28" standard probe with hose	upgrade
	Multiple pitot tube options available	call for details
<b>Industrial Probes</b>	Kit: 39" probe 2,200 °F, non-heated adapter (handle), 13' teflon-lined hose	400600 7810
	More industrial probe and heated hose options available	see industrial probe kits
<b>Communication Documentation</b>	16' communication cable	0049 0076
	65' communication cable	0049 0077
	IR printer	0554 0549
	Bluetooth fast printer (300' range)	0554 0553
	Extra printing paper (10 year legibility)	0554 0568
<b>Power</b>	DC power kit (11-40V opt.) w/ battery clamp cable	call for part numbers
<b>Cases</b>	Pelican case	upgrade
<b>Cal Gas Kits</b>	Cal Kits available for selection on website or call for prices (www.test350.com/calibration.html)	call for details
<b>Multi-Port Testing</b>	t350 Analyzer Box configured as above	call for details
<b>More</b>	<b>For more options contact your distributor, or testo at 800-227-0729</b>	

For more kit configurations, visit: [www.testo350.com](http://www.testo350.com)

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## NEW testo 350 - Kits for Boiler Testing

### Built with all the features you asked for

Industrial boilers and burners have their own unique characteristics. When an unexpectedly high CO is detected, **the testo 350 will automatically adjust to the situation**, keeping the sensor protected at all times.

The measurements of O<sub>2</sub>, CO, NO and SO<sub>2</sub>, combined with automatic calculations (CO<sub>2</sub>, efficiency, excess air), provide fast tuning solutions. The 350's **compact design is better for working on a platform or small space**. The automatic zero pressure measurement is **ideal to monitor flow or draft induction**. With an optional pitot tube you can quickly measure velocity and determine mass flow even during long term testing. **The testo 350 makes reports in lbs/hour easy!**

**Measures true NO<sub>x</sub> (NO and NO<sub>2</sub>) for proper burner set up and unsurpassed accuracy.**

**Boiler-specific menus** take the guess work out of testing. No need to remove the probe from the stack -simply press the "fresh air purge." It increases sensor life and keeps you off ladders and safely on the ground. Active gas conditioning is mandatory for EPA and high accuracy testing and the 350's integrated **gas conditioning system** (thermoelectric cooler with automatic condensate removal pump) delivers dry basis data as required for most reporting. The new, more powerful pump automatically controls sample flow rate for EPA accuracy.

The 350's new design takes the **"plug & play" field service** concept to a new level and will keep your analyzer working at the site. Just open the hatch and "click-out" to replace pre-calibrated sensors or filters. Click out the condensate removal cassette, sample pumps, or battery in the field. **No tools are required!**



Use it for local, state and federal testing:

- EPA CTM 030 & 034
- ASTM - D6522
- EPA 7E



The 350 **probes** are specifically designed for boiler testing. A modular design incorporates integrated thermocouples and "click-on" longer probes can withstand temperatures up to 1832 °F for greater testing flexibility. **Teflon lined sample hoses** provide the highest level of accuracy. Heavy particulate loading from coal-fired fuels are easily handled with the sintered filter options. Heated sample lines and the industrial probe option cover all your testing requirements.

**See the opposite side for pricing and other options.**  
[www.testo350.com](http://www.testo350.com)

**Multi-port testing** for better combustion control. Sometimes a single sample location is just not enough. Connect (BUS) two analyzers together for faster testing and a better understanding of pre-and post-catalyst performance.