



# NEW testo 350 - Kits for Engine Testing

Part No. 400563 3513

- testo 350 Control Unit and Analyzer Box
- Sensors in Kit: O<sub>2</sub>, \*CO, NO, NO<sub>2</sub>  
\*(Dilution system extends sensor range (2x, 5x, 10x, 20x, 40x) to 400,000 ppm)
- 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)
- Dilution system upgrade
- 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 engine probe (2000 °F max) with 7' hose
- Extra particle filters
- 6' data bus communication cable
- easyEmission software
- Rugged case



Example of a typical testo 350 kit.

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

	Other Upgrades & Accessories	Part Number
<b>Multi-Port Testing</b>	t350 Analyzer Box (for pre/post catalyst testing) configured as above	call for details
<b>Sensors</b>	HC 400 ppm - 4% (min O <sub>2</sub> required, i.e., diesel or lean burn) CO <sub>2</sub> (NDIR) 0 - 50% SO <sub>2</sub> , H <sub>2</sub> S, low range sensors	0554 2300 0554 2400 call for details
<b>Probes &amp; Hoses</b>	Hose extension - 9 feet each (Ability to add five additional for sampling up to 53') Engine probe w/sintered filter (for diesels) High temperature standard probe with 7' hose TC w/ 7.8' lead w/ heat resist handle (engine probe) TC w/ 17' lead w/ heat resist handle (engine probe)	0554 1202 upgrade upgrade 0600 8894 0600 8895
<b>Industrial Probes</b>	Kit: 39" probe 2,200 °F, non-heated adapter, 13' teflon-lined hose More industrial probe and heated hose options available	400600 7810 see industrial probe kits
<b>Communication Documentation</b>	16' communication cable 65' communication cable IR printer Bluetooth fast printer (30' range) Extra printing paper (10 year legibility)	0049 0076 0049 0077 0554 0549 0554 0553 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 ( <a href="http://www.test350.com/calibration.html">www.test350.com/calibration.html</a> )	call for details
<b>For more options and pricing, contact your distributor, or testo at 800-227-0729</b>		

Sensors in Kit:	Range:
O <sub>2</sub>	0-25%
CO*	0-10,000 ppm
NO	0-4000 ppm
NO <sub>2</sub>	0-500 ppm
* (Dilution system extends sensor range (2x, 5x, 10x, 20x, 40x) to 400,000 ppm)	

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## NEW testo 350 - Kits for Engine Testing

Built with all the features you asked for

Analyzer requirements for emission and combustion analysis can vary based on the different combustion applications. For example, extreme concentrations (i.e. CO, NOx, or particulate) can be present in engine exhaust, thus requiring special sensor capabilities and the need for high accuracy for compliance. The new testo 350 is built with proven technologies and a simple-to-use interface to make engine testing more accurate and easier than ever.

**Wireless** operation (over 300 feet) allows you to adjust combustion controls at a convenient location, instead of at the sample port. Large on-board memory and fresh air purging **automatic test programs** allow data collection for a day, a week, or a month. The hi-def colorful, graphic display is surpassed only by the powerful easyEmission software. Together they let you control the analyzer, set-up the test, define sites and locations, perform calibrations, and much more.

Measures both NO and NO2 for proper engine set up and unsurpassed accuracy.

**Engine-specific menus** take the guess work out of testing. The **patented dilution system** extends the sensor ranges (specifically needed for engine testing) and provides greater sensor protection as an extra benefit. It also provides a **true measurement of CO**. 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 **engine probe** is specifically designed for engine testing. The pressure relief hose makes testing right or left cylinder banks easier. Stack temperature can be measured with optional thermocouples. **Teflon lined sample hoses** provide the highest level of accuracy. Heavy particulate loading from diesels 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.