



# NEW testo 350 - Kits for Turbine Testing

Part No. 400563-3514

- testo 350 Control Unit and Analyzer Box
- Sensors in Kit: O<sub>2</sub>, \*CO low, NO low, NO<sub>2</sub> \*(Dilution system extends sensor range (2x, 5x, 10x, 20x, 40x))
- 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 probe (1832 °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>Sensors</b>	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> , H <sub>2</sub> S, low range sensors	call for details
<b>Probes &amp; Hoses</b>	Hose extension - 9 feet each (Ability to add five additional for sampling up to 53')	0554 1202
	High temperature 28" standard probe with hose	0600-8765
<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	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 ( <a href="http://www.test350.com/calibration.html">www.test350.com/calibration.html</a> )	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>	

Sensors in Kit:	Range:
O <sub>2</sub>	0-25%
CO low*	0-500 ppm
NO low	0-300 ppm
NO <sub>2</sub>	0-500 ppm

\* (Dilution system extends sensor range (2x, 5x, 10x, 20x, 40x))

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## NEW testo 350 - Kits for Turbine 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, to properly tune and maintain turbines, accurate O<sub>2</sub> with low NO<sub>x</sub> and low CO capabilities are required. The 350 has both the **low range (0.1 ppm)** and **upper range capability** needed for turbine testing. The new testo 350 is built with proven technologies and a **simple-to-use interface** to make testing more accurate and easier than ever.

**Wireless operation (over 300 feet)** allows you to make combustion adjustments at a convenient location, instead of at the sample port. No need to remove the probe from the stack - simply press the **"fresh air purge."** This will increase sensor life and keeps you off ladders and safely on the ground. **Large on-board memory** and fresh air purging with the automatic test program allows data collection for a day, a week, or a month. The **hi-def color graphic** display is surpassed only by the powerful **easy-Emission software**. Together they let you control the analyzer, set-up the test, define sites and locations, perform on-site calibrations, and much more.

### Measures both low NO and NO<sub>2</sub> for proper turbine set up and unsurpassed accuracy.

**Turbine-specific menus** take the guess work out of testing. The analyzer pre-selects the parameters you need to measure. It's easier to see small combustion control changes with the **0.1 ppm NO<sub>x</sub> resolution** and you can be assured it will provide the highest accuracy when you need to make critical control or warranty decisions. Active sample gas conditioning is one of the many features for high accuracy testing. 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!** For greater flexibility and quality assurance, on-site calibration is simply a menu-driven process.



**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.



Use it for local, state and federal testing:

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

The 350 has **the widest selection of probes** available. The standard probe is stainless steel, 13" long with integrated thermocouples. The **modular concept** lets you click-in the optional high temperature 28" probe in literally seconds. **Teflon-lined sample hoses** provide the **highest level of accuracy**. Optional heated sample lines and industrial probes cover all your testing requirements.

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