

# testo 350 - Turbine Testing Kit

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 to 300 feet
- 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 (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.

	Other Upgrades & Accessories	Part Number
<b>Sensors</b>	CO <sub>2</sub> (NDIR) 0 - 50%	0554 2400
	Hydrocarbons (400-40,000 ppm) (min O <sub>2</sub> required)	0554 2300
	SO <sub>2</sub> , H <sub>2</sub> S, high 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	Upgrade adder
<b>Industrial Probes</b>	Kit: 39" probe 2,200 °F, non-heated adapter, 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
<b>Power</b>	DC power kit (11-40V opt.) w/ battery clamp cable	0554 0568
	Extra printing paper (10 year legibility)	Call for part numbers
<b>Cases</b>	Pelican case with foam insert (400516 3515)	Upgrade adder
	Storm case for 28" probe with wheels (400516 3512)	Upgrade adder
	Pelican case with custom foam, telescoping pull handle and wheels (400516 3516)	Upgrade adder

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))	

## testo 350 - Turbine Applications

- Proven sensor performance to measure sub 20 ppm concentrations
- For tuning, maintenance, and compliance level testing
- Diagnose combustion problems
- For warrantee verification and testing

### testo 350 benefits for turbine testing:

- Low NOx and low CO sensors with 0.1 ppm resolution
- The variable output sample pump automatically controls sample flow rate for EPA accuracy
- Integrated gas conditioning protects sensors and delivers EPA quality dry basis data
- Patented dilution system extends sensor ranges and provide a true CO measurement with H<sub>2</sub> compensation
- Simple menu-driven field calibration
- Wireless (Bluetooth ®) operation to over 300 ft.



### Probes:

- Designed for turbine testing and with optional 28" probes or optional longer probes
- High temperature and high capability pressure relief for near combustion testing
- High temp standard probes to 3200 °F

### Hoses:

- Hoses - all of them Teflon lined - provides the best sample integrity and fast sensor response
- Sample hose, extensions to 53' long
- Optional heated sample lines

### easyEmission software:

- Data logging and report generation
- Operate all analyzer functions completely via laptop connection
- Calculate mass emissions automatically using pre-defined or custom report templates
- Download data to Excel