testo 350
Gas turbines –
Ordering suggestion

Be sure. testo

Product	Description	Order no.
testo 350 Control Unit	Option: Bluetooth® (only when Bluetooth® is installed in the analyzer box)	0632 3511
testo 350 analyzer unit	- O_2 sensor, 0 to 25 % - CO_{low} (H_2-compensated) sensor, 0 to 500 ppm - NO_{low} sensor, 0 to 300 ppm - NO_{low} sensor, 0 to 500 ppm - Peltier gas preparation incl. hose pump - Measuring range extension for single slot (2x, 5x, 10x, 20x, 40x) - Fresh air valve for long-term measurement - Bluetooth® (for connection with Control Unit, printer or laptop using appropriate Bluetooth® equipment)	0632 3510
Probes	Flue gas probe for industrial engines, 335 mm immersion depth incl. probe stop and heat protection plate, T_{max} +1,000 °C, special hose for NO_2-/SO_2 measurements, length 4 m *Longer probes available from Testo special probe construction*	0600 7555
	Option: Modular flue gas probe, 335 mm immersion depth, including cone, thermocouple NiCr-Ni (TI) T_{max} +1,000°C and NO_2/SO_2 special hose 2.2 m*	0600 8764
	Modular flue gas probe 700 mm immersion depth*	0600 8765
Option: Thermocouples	Thermocouple for flue gas temperature measurement (NiCr-Ni, length 400 mm, $T_{max.}$ +1000 °C) with 4 m connection line and additional heat protection	0600 8898
Accessories	testo Bluetooth®-/IRDA printer, incl. 1 roll of thermal paper, rech. battery and mains unit	0554 0620
	International mains unit, 100-240 V AC / 6.3 V DC; for mains operation or battery charging in the instrument	0554 1096
testo easyEmission software	Software incl. USB instrument to PC connection cable Functions: user-definable measuring intervals, transfer of readings to Microsoft Excel within seconds, user-definable fuels, display of readings in table or graphic format, simple setting of customer-specific measurement protocols, etc.	0554 3334
Transport case	Transport case for safe, neat storage of the testo 350 emission analyzer, gas sampling probe and accessories, dimensions 570 x 470 x 210 mm (LxWxH)	0516 3510

* Plastic handles on flue gas probes can be melted by escaping hot flue gas. For this reason, the use of the heat protection plate included in delivery is necessary.

testo 350 - control unit for emission analysis system
– 0632 3511
• Specific setting when "Turbine" is selected

testo 350 - analyzer unit for emission analysis system – 0632 3510

Peltier gas preparation
• Automatic cooling of flue gas for precise, "dry" measurement values —> prevents NO_2 being rinsed out.
• For automatic condensate emptying
• Particularly well-suited for long-term measurements > 2 hours

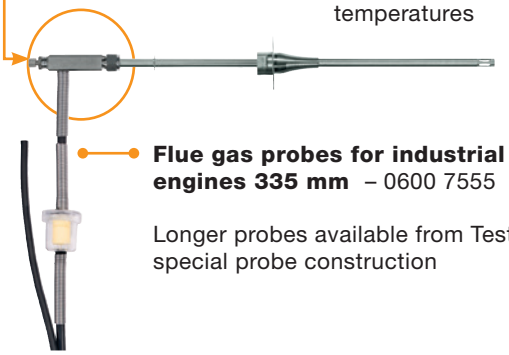
Sensors
• **O_2** for determining the residual oxygen concentration in the flue gas and for calculating λ
• **CO_{low}** for testing low and high CO values (high values with dilution x40 up to 20,000 ppm)
• **NO_{low}+NO_2**
Also records low NO_X values. NO and NO_2 can be measured separately.
• Optional: **SO_2 , H_2S**
(can be useful for bio-gas)

Measuring range extension for single slot dilution
• Slot 6 can be extended by the factors 2x, 5x, 10x, 20x, 40x (e.g. CO_{low} up to 20,000 ppm)

Fresh air valve
• For long-term measurement and execution of automated measurement programs
• Incl. measuring range extension with dilution factor 5 for all sensors

testo easyEmission software
– 0554 3334
• Data acquisition and creation of measurement protocols

Thermocouples
– 0600 8898
• The thermocouple is integrated into the engine probe
• Measures flue gas temperatures



Flue gas probes for industrial engines 335 mm – 0600 7555

Longer probes available from Testo special probe construction

Only works if Bluetooth is installed in the analyzer box and control unit as an option.
Bluetooth wireless link up to 100 m with no obstructions.