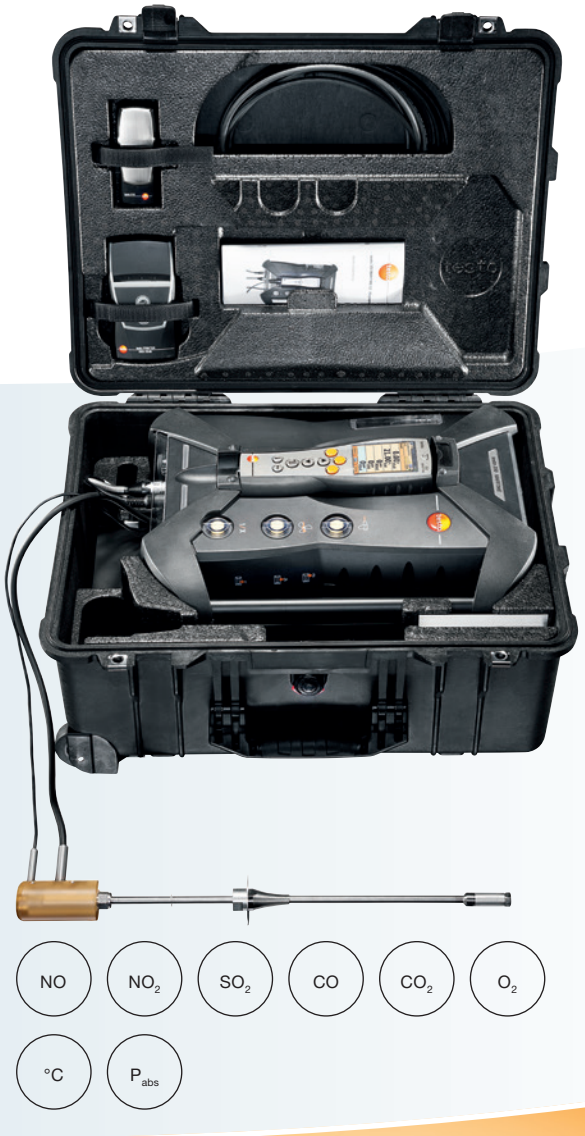
Be sure. testo

Exhaust gas analyzer

testo 350 MARITIME – for emission measurement on marine diesel engines



- With DNV and NK certificate
- Unrestricted availability thanks to pre-calibrated gas sensors which are exchangeable on site
- Ready to measure in less than 2 minutes
- Tested gas sensors – as good as reference measurement technology
- Robust protective case with trolley function allows transport by plane

TAA00001K0 14DD001B

The certified testo 350 MARITIME is the world's first portable exhaust gas analysis system for the measurement of exhaust gas emissions according to MARPOL Annexe VI and NOx Technical Code 2008.

The testo 350 MARITIME has the following certificates: DNV GL certificate no. TAA00001K0 and Nippon Kaiji Kyokai (Class NK) certificate no. 14DD001B.

Gas sampling takes place with a special, easy-to-install sampling probe. The certified and durable electrochemical gas sensors record the concentrations of the exhaust gas components NOx (NO + NO_2 separately), CO, CO_2, O_2 and SO_2 highly accurately and with long-term stability. CO_2 is recorded using the certified IR measurement principle. In order to withstand the tough conditions at sea, the complete exhaust gas analyzer incl. accessories is stored in a robust protective case.

Overview of the advantages of the testo 350 MARITME.

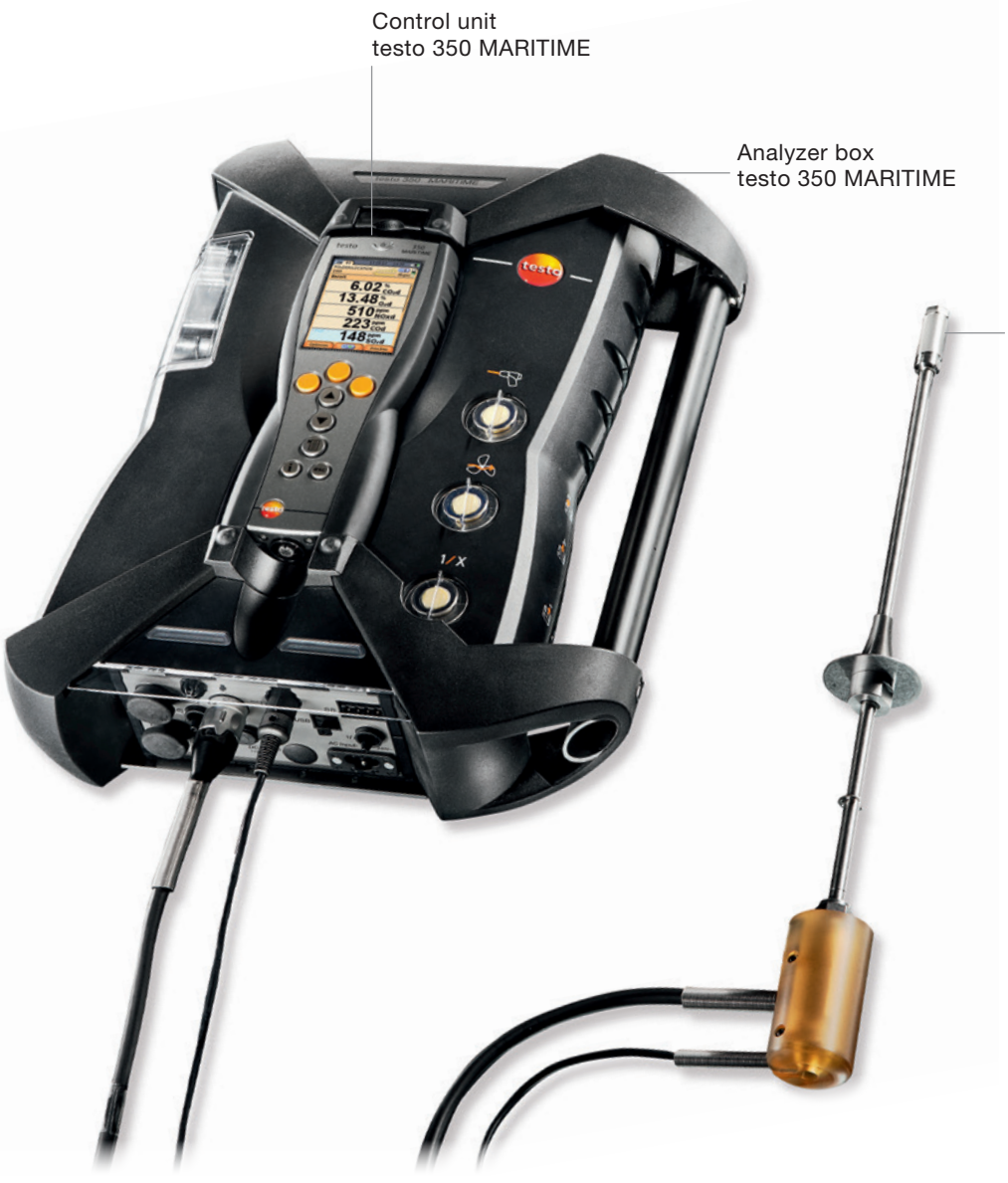
On-board verification examination according to NOx Technical Code 2008.

The testo 350 MARITIME is the ideal tool for the professional exhaust gas analysis of NO, NO_2, SO_2, CO, CO_2, O_2 and supports you in these jobs:

- In direct measurement and monitoring on board (e.g. periodical examinations and intermediate examinations).
- In simplified test and measurement procedures, e.g when modifications such as re-adjustment of the engines have been carried out.

In addition to this, you can use it for official NOx-monitoring measurements to check the NOx limit values prescribed in MARPOL Annexe VI on board.

In addition to this, NOx measurement in special regional zones is also possible with the testo 350 MARITIME.



Practical trolley

Ordering data / Technical data

testo 350 MARITIME

- Analyzer box testo 350 MARITIME V2 equipped with O_2, CO, CO_2-(IR), NO, NO_2, SO_2, incl. gas preparation, measuring range extension for individual slot (for SO_2 only), fresh air valve for continuous measurement, differential pressure sensor, temperature probe input Type K NiCr-Ni and Type S Pt10Rh-Pt, Testo databus connection, rech. battery, integrated combustion air probe (NTC), trigger input, measurement data store, USB interface
- Control unit testo 350 MARITIME V2
- Robust protective case with trolley function
- Gas sampling probe with pre-filter for industrial probes, probe shaft length 335 mm, incl. probe stop, heat protection shield, special hose for NO_2-/SO_2-measurement, Tmax probe shaft 1000 °C, hose length 4 m incl. thermocouple for exhaust gas temperature measurement, NiCr-Ni, length 400 mm, Tmax. +1000 °C with 4 m connection line and additional temperature protection
- Connection line between exhaust gas analyzer and control unit, length 5 m
- Testo fast printer with wireless infrared interface, 1 roll thermal paper and 4 AA batteries for measurement value printout on site
- Humidity/temperature measuring instrument testo 610
- DNV certificate no. TAA00001K0
- Nippon Kaijik Kyokai (Class NK) certificate no. 14DD001B

Part no. 0563 3503

General technical data

Operating temperature	+5 to +45 °C
Storage temperature	-20 to +50 °C
Voltage supply	Li ion rechargeable battery AC mains unit 100 V to 240 V (50 to 60 Hz)
Electrical power consumption	max. 40 W
Max. positive pressure at gas input	50 hPa
Max. negative pressure at gas input	-300 hPa
Weight	Approx. 17 kg
Dimensions (case)	56.5 x 45.5 x 26.5 cm
Guarantee	
Measuring instrument	2 years
Gas sensors	CO, NO, NO_2, SO_2: 1 year O_2 sensor: 1.5 years CO_2-IR sensor: 2 years
Pumps	0.5 years
Solenoid valves	0.5 years
Thermocouples	1 year
Rechargeable batteries	1 year
Probes	2 years
Guarantee conditions	https://www.testo.com/guarantee

Technical data testo 350 MARITIME

	Measuring range	Tolerance
°C, exhaust gas	-40 to +1000 °C	max. ±5 K
O_2	0 to 25 Vol. %	According to to MARPOL Annex VI and NO_x Technical Code
CO	0 to 3000 ppm	
NO	0 to 3000 ppm	
NO_2	0 to 500 ppm	
SO_2	0 to 3000 ppm	
CO_2 (IR)	0 to 40 Vol. %	
P_{abs}	600 to 1150 hPa	±5 hPa at +22 °C ±10 hPa at -5 to +45 °C

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