



# Flue gas analyzer for industry

testo 340 - Portable measuring instrument for industrial emission measurement

Measuring range extension for unrestricted measurement at high gas concentrations

Flue gas analysis with up to 4 gas sensors – freely configurable

Large selection of probes

Bluetooth interface

Convenient measurement data management

TÜV-tested /EN norm



















The handy, easy-to-operate emission measuring instrument testo 340 is the right tool for many different emission measurements. The compact design and the reliable technology make it the ideal measuring instrument for commissioning, service and maintenance work and in test measurements on industrial burners, stationary industrial engines, gas turbines and thermal processes.

The unique measuring range extension allows unrestricted measurements to be carried out even at high gas concentrations. The testo 340 is equipped with an  $O_2$  sensor as standard. Three further gas sensors can be configured individually, in order to be able to adapt the instrument optimally to the respective measurement task. The instrument can also be operated remotely from your Andrroid Smartphone or tablet using the free App.



## Ordering data



### testo 340

testo 340 flue gas analyzer, incl. rechargeable battery, calibration protocol and carrying strap, equipped with  $\rm O_2$  sensor, integrated flow/differential pressure measurement, single dilution and dilution of all sensors

Part no. 0632 3340



testo 340 must be equipped with a second gas sensor otherwise the analyzer cannot function. Max. 3 additional sensors can be fitted.

#### **Options**

Option CO sensor, 0 to 10000 ppm, Resolution 1 ppm	
Option CO <sub>low</sub> sensor, 0 to 500 ppm, Resolution 0.1 ppm	
Option NO sensor, 0 to 4000 ppm, Resolution 1 ppm	
Option NO <sub>low</sub> sensor, 0 to 300 ppm, Resolution 0.1 ppm	
Option NO <sub>2</sub> sensor, 0 to 500 ppm, Resolution 0.1 ppm	
Option: SO <sub>2</sub> sensor, 0 to 5,000 ppm, Resolution 1 ppm	
Option: BLUETOOTH® module	

Accessories	Part no.	
Transport case for flue gas analyzer and probes	0516 3400	
Mains unit international 100-240 V AC / 6.3 V DC for mains operation or battery charging in instrument, for mains operation or battery charging in instrument	0554 1096	
Software "easyEmission", incl. USB connection cable instrument-PC	0554 3334	
Multiple license/"easyEmission" software	0554 3338	
Testo fast printer IrDA with wireless infrared interface; 1 roll thermal paper; 4 AA batteries	0554 0549	
Testo Bluetooth®/IRDA printer incl. 1 roll of printer paper, rechargeable battery and mains unit	0554 0620	
Spare thermal paper for printer, permanent ink	0554 0568	
Replacement filter for NO sensor (1 pcs.), blocks transverse gas SO <sub>2</sub>	0554 4150	
Replacement CO sensor (1 off.), blocks transverse gas SO <sub>2</sub> and NO	0554 4100	

Calibration Certificates	Part no.	
ISO calibration certificate/flue gas	0520 0055	
ISO calibration certificate velocity, hot wire, vane anemometer, Pitot tube; calibration points 5; 10; 15; 20 m/s	0520 0034	



## Ordering suggestions



# Your low-budget entry into industrial emission measurement

	Part no.
testo 340 flue gas analyzer	0632 3340
Option CO (H <sub>2</sub> compensated) measurement module, 0 to 10,00	0 ppm
Option BLUETOOTH® module	
Flue gas probe modular 335 mm immersion depth	0600 9766
International mains unit 100-240 V	0554 1096
testo BLUETOOTH® printer	0554 0620
Transport case for measuring instrument and probes	0516 3400

# Monitoring and adjustment work on stationary industrial engines

	Part no.		
testo 340 flue gas analyzer	0632 3340		
Option CO (H <sub>2</sub> compensated) measurement module, 0 to 10,000	ppm		
Option NO measurement module, 0 to 4,000 ppm			
Option NO <sub>2</sub> measurement module, 0 to 500 ppm			
Flue gas probe for industrial engines, 335 mm immersion depth*	0600 7555		
International mains unit 100-240 V	0554 1096		
Software "easyEmission"	0554 3334		
Transport case for measuring instrument and probes	0516 3340		
*For measurement on stationary diesel engines, we recommend the			
flue gas probe with probe pre-filter (0600 7556).			

## Service and maintenance work on industrial burners and furnaces

	Part no.
testo 340 flue gas analyzer	0632 3340
Option CO (H <sub>2</sub> compensated) measurement module, 0 to 10,000	ppm
Option NO measurement module, 0 to 4,000 ppm*	
Option SO <sub>2</sub> measurement module, 0 to 5,000 ppm	
Flue gas probe modular 700 mm immersion depth	0600 8765
Software "easyEmission"	0554 3334
Transport case for measuring instrument and probes	0516 3340
*For the measurement of low NO values, we recommend the	
NO <sub>low</sub> sensor (0393 1152).	

### Measurements on turbines

testo 340 flue gas analyzer 06 Option CO (H <sub>2</sub> compensated) measurement module, 0 to 10,000 ppm	
Option CO (H <sub>2</sub> compensated) measurement module, 0 to 10,000 ppn	art no.
	32 3340
Option NO <sub>low</sub> measurement module, 0 to 300 ppm	1*
Option NO <sub>2</sub> measurement module, 0 to 500 ppm	
Flue gas probe for industrial engines, 335 mm immersion depth 06	00 7555
International mains unit 100-240 V 05	54 1096
Software "easyEmission" 05	54 3334
Transport case for measuring instrument and probes 05	16 3340
*For the measurement of low CO values, we recommend the	
CO <sub>low</sub> sensor (0393 1102).	



## Gas sampling probes



Madelandian and a control of the con	Part no.		
Modular flue gas probe 335 mm immersion depth, incl. cone, thermocouple NiCr-Ni (TI) Tmax 500 °C and NO <sub>2</sub> /SO <sub>2</sub> special hose 2.2 m	0600 9766		
Modular flue gas probe 700 mm immersion depth, incl. cone, thermocouple NiCr-Ni (TI) Tmax 500 °C and NO <sub>2</sub> /SO <sub>2</sub> special hose 2.2 m	0600 9767		
Modular flue gas probe 335 mm immersion depth, incl. cone, thermocouple NiCr-Ni (TI) Tmax 1000 °C and NO <sub>2</sub> /SO <sub>2</sub> special hose 2.2 m	0600 8764		
Modular flue gas probe, 700 mm immersion depth, incl. cone, thermocouple NiCr-Ni (TI) Tmax 1000 °C and NO <sub>2</sub> /SO <sub>2</sub> special hose 2.2 m	0600 8765		
Modular flue gas probe with pre-filter Ø 14 mm 335 mm immersion depth, incl. cone, thermocouple NiCr-Ni (TI) Tmax $1000^{\circ}$ C and $NO_2/SO_2$ special hose 2.2 m	0600 8766		
Modular flue gas probe with pre-filter Ø 14 mm 700 mm immersion depth, incl. cone, thermocouple NiCr-Ni (TI) Tmax $1000^{\circ}\text{C}$ and $\text{NO}_2/\text{SO}_2$ special hose 2.2 m	0600 8767		
Probe accesories modular gas sampling probes	Part no.		
Hose extension; 2.8 m; extension cable for probe	0554 1202		
Probe shaft with pre-filter Ø 14 mm, length selectable up to 2500 mm, incl. cone, Ø 8 mm, thermocouple NiCr-Ni (TI) Tmax. 500 °C	On request		
Probe shaft with pre-filter Ø 14 mm, length selectable up to 2500 mm, incl. cone, Ø 8 mm, thermocouple NiCr-Ni (TI) Tmax. 1000 °C	On request		
Spare probe pre-filter (sinter filter) 2 off	0554 3372		
Spare dirt filter, modular probe; 10 off			
Probe shaft, length 700 mm, incl. cone, Ø 8 mm, Tmax 500 °C	0554 9767		
Probe shaft, length 335 mm, incl. cone, Ø 8 mm, Tmax 1000 °C			
Probe shaft, length 700 mm, incl. cone, Ø 8 mm, Tmax. 1000 °C	0554 8765		
	·		
	Don't		
Gas sampling probe for measurement on industrial engines	Part no.		
Flue gas probe for industrial engines, 335 mm immersion depth incl. probe stop and heat protection plate,	0600 7555		
Gas sampling probe for measurement on industrial engines  Flue gas probe for industrial engines, 335 mm immersion depth incl. probe stop and heat protection plate, Tmax. +1,000 °C, special hose for NO <sub>2</sub> -/SO <sub>2</sub> measurements, length 4 m  Flue gas probe for industrial engines with probe shaft preliminary filter, 335 mm immersion depth incl. probe stop and heat protection plate, Tmax. +1,000 °C, special hose for NO <sub>2</sub> -/SO <sub>2</sub> measurements, length 4 m			
Flue gas probe for industrial engines, 335 mm immersion depth incl. probe stop and heat protection plate, Tmax. +1,000 °C, special hose for NO <sub>2</sub> -/SO <sub>2</sub> measurements, length 4 m  Flue gas probe for industrial engines with probe shaft preliminary filter, 335 mm immersion depth incl. probe stop and	0600 7555		
Flue gas probe for industrial engines, 335 mm immersion depth incl. probe stop and heat protection plate, Tmax. +1,000 °C, special hose for NO <sub>2</sub> -/SO <sub>2</sub> measurements, length 4 m  Flue gas probe for industrial engines with probe shaft preliminary filter, 335 mm immersion depth incl. probe stop and heat protection plate, Tmax. +1,000 °C, special hose for NO <sub>2</sub> -/SO <sub>2</sub> measurements, length 4 m  Thermocouple for flue gas temperature measurement, NiCr-Ni, length 400 mm, Tmax +1,000 °C, with 4 m connecting	0600 7555 0600 7556		
Flue gas probe for industrial engines, 335 mm immersion depth incl. probe stop and heat protection plate, Tmax. +1,000 °C, special hose for NO <sub>2</sub> -/SO <sub>2</sub> measurements, length 4 m  Flue gas probe for industrial engines with probe shaft preliminary filter, 335 mm immersion depth incl. probe stop and heat protection plate, Tmax. +1,000 °C, special hose for NO <sub>2</sub> -/SO <sub>2</sub> measurements, length 4 m  Thermocouple for flue gas temperature measurement, NiCr-Ni, length 400 mm, Tmax +1,000 °C, with 4 m connecting	0600 7555 0600 7556		
Flue gas probe for industrial engines, 335 mm immersion depth incl. probe stop and heat protection plate, Tmax. +1,000 °C, special hose for NO <sub>2</sub> -/SO <sub>2</sub> measurements, length 4 m  Flue gas probe for industrial engines with probe shaft preliminary filter, 335 mm immersion depth incl. probe stop and heat protection plate, Tmax. +1,000 °C, special hose for NO <sub>2</sub> -/SO <sub>2</sub> measurements, length 4 m  Thermocouple for flue gas temperature measurement, NiCr-Ni, length 400 mm, Tmax +1,000 °C, with 4 m connecting cable and additional heat protection	0600 7555 0600 7556 0600 8898		
Flue gas probe for industrial engines, 335 mm immersion depth incl. probe stop and heat protection plate, Tmax. +1,000 °C, special hose for NO <sub>2</sub> -/SO <sub>2</sub> measurements, length 4 m  Flue gas probe for industrial engines with probe shaft preliminary filter, 335 mm immersion depth incl. probe stop and heat protection plate, Tmax. +1,000 °C, special hose for NO <sub>2</sub> -/SO <sub>2</sub> measurements, length 4 m  Thermocouple for flue gas temperature measurement, NiCr-Ni, length 400 mm, Tmax +1,000 °C, with 4 m connecting cable and additional heat protection	0600 7555 0600 7556 0600 8898		
Flue gas probe for industrial engines, 335 mm immersion depth incl. probe stop and heat protection plate, Tmax. +1,000 °C, special hose for NO <sub>2</sub> -/SO <sub>2</sub> measurements, length 4 m  Flue gas probe for industrial engines with probe shaft preliminary filter, 335 mm immersion depth incl. probe stop and heat protection plate, Tmax. +1,000 °C, special hose for NO <sub>2</sub> -/SO <sub>2</sub> measurements, length 4 m  Thermocouple for flue gas temperature measurement, NiCr-Ni, length 400 mm, Tmax +1,000 °C, with 4 m connecting cable and additional heat protection  Temperature probes  Mini ambient air probe; for separate ambient air temperature measurement; 0 to +80 °C	0600 7555  0600 7556  0600 8898  Part no.  0600 3692		
Flue gas probe for industrial engines, 335 mm immersion depth incl. probe stop and heat protection plate, Tmax. +1,000 °C, special hose for NO <sub>2</sub> -/SO <sub>2</sub> measurements, length 4 m  Flue gas probe for industrial engines with probe shaft preliminary filter, 335 mm immersion depth incl. probe stop and heat protection plate, Tmax. +1,000 °C, special hose for NO <sub>2</sub> -/SO <sub>2</sub> measurements, length 4 m  Thermocouple for flue gas temperature measurement, NiCr-Ni, length 400 mm, Tmax +1,000 °C, with 4 m connecting cable and additional heat protection  Temperature probes  Mini ambient air probe; for separate ambient air temperature measurement; 0 to +80 °C	0600 7555  0600 7556  0600 8898  Part no.  0600 3692		
Flue gas probe for industrial engines, 335 mm immersion depth incl. probe stop and heat protection plate, Tmax. +1,000 °C, special hose for NO <sub>2</sub> -/SO <sub>2</sub> measurements, length 4 m  Flue gas probe for industrial engines with probe shaft preliminary filter, 335 mm immersion depth incl. probe stop and heat protection plate, Tmax. +1,000 °C, special hose for NO <sub>2</sub> -/SO <sub>2</sub> measurements, length 4 m  Thermocouple for flue gas temperature measurement, NiCr-Ni, length 400 mm, Tmax +1,000 °C, with 4 m connecting cable and additional heat protection  Temperature probes  Mini ambient air probe; for separate ambient air temperature measurement; 0 to +80 °C  Combustion air temperature probe, immersion depth 60 mm	0600 7555  0600 7556  0600 8898  Part no.  0600 3692  0600 9797		
Flue gas probe for industrial engines, 335 mm immersion depth incl. probe stop and heat protection plate, Tmax. +1,000 °C, special hose for NO <sub>2</sub> -/SO <sub>2</sub> measurements, length 4 m  Flue gas probe for industrial engines with probe shaft preliminary filter, 335 mm immersion depth incl. probe stop and heat protection plate, Tmax. +1,000 °C, special hose for NO <sub>2</sub> -/SO <sub>2</sub> measurements, length 4 m  Thermocouple for flue gas temperature measurement, NiCr-Ni, length 400 mm, Tmax +1,000 °C, with 4 m connecting cable and additional heat protection  Temperature probes  Mini ambient air probe; for separate ambient air temperature measurement; 0 to +80 °C  Combustion air temperature probe, immersion depth 60 mm	0600 7555  0600 7556  0600 8898  Part no.  0600 3692  0600 9797		
Flue gas probe for industrial engines, 335 mm immersion depth incl. probe stop and heat protection plate, Tmax. +1,000 °C, special hose for NO <sub>2</sub> -/SO <sub>2</sub> measurements, length 4 m  Flue gas probe for industrial engines with probe shaft preliminary filter, 335 mm immersion depth incl. probe stop and heat protection plate, Tmax. +1,000 °C, special hose for NO <sub>2</sub> -/SO <sub>2</sub> measurements, length 4 m  Thermocouple for flue gas temperature measurement, NiCr-Ni, length 400 mm, Tmax +1,000 °C, with 4 m connecting cable and additional heat protection  Temperature probes  Mini ambient air probe; for separate ambient air temperature measurement; 0 to +80 °C  Combustion air temperature probe, immersion depth 60 mm  Pitot tubes  Pitot tube, 350 mm long, stainless steel, measures flow velocity	0600 7555  0600 7556  0600 8898  Part no.  0600 3692  0600 9797  Part no.  0635 2145		

<sup>\*</sup> Emissions Measurement \* Drug + Alcohol \* Environmental Monitoring \* Post Harvest Technology



# Gas sampling probes



Industrial probes	Details	Part no.
Industrial probe set 1200 °C consisting of: - unheated handle - unheated probe shaft up to 1200 °C flue gas temperature - unheated gas sampling hose incl. inline filter, length 4 m - thermocouple Type K, length 1.2 m	Probe shaft: T MARK + 1200 °C Length 1.0 m, Ø 12 mm Material 2.4856 alloy 625 Handle: T MARK + 600 °C Material: 1.4404 stainless steel Gas sampling hose: 2-chamber hose with PTFE inner core; length 4.0 m TC: Type K, Length 1.2 m, Ø 2 mm Tmax. + 1200 °C	0600 7610
preliminary filter. Industrial probe set 1800 °C consisting of: - unheated handle - unheated probe shaft up to 1800 °C flue gas temperature - unheated gas sampling hose incl. inline filter, length 4 m	Probe shaft: T <sub>max.</sub> +1800 °C Material Al2O3 > 99.7% Length 1.0 m, Ø 12 mm Gas sampling hose: 2-chamber hose with PTFE inner core; length 4.0 m Handle: T <sub>max.</sub> +600 °C Material: 1.4404 stainless steel	0600 7620
For temperature measurements > +1370 °C, we recommend a thermocouple Type S.		
Heated industrial probe set consisting of:  - heated probe shaft up to 600 °C flue gas temperature - heated gas sampling hose, length 4 m - thermocouple Type K, length 1.2 m	Probe shaft: temperature-proof up to +600 °C Voltage supply 230 V / 50 Hz Length 1.0 m, Ø 25 mm Heating temperature range +200 °C Material stainless steel 1.4571 Gas sampling hose: corrugated hose with PTFE inner core Length 4.0 m; outside diameter 34 mm Heating temperature range > +120 °C TC: Type K Length 1.2 m, Ø 2 mm T <sub>max</sub> +1200 °C	0600 7630
The set can optionally come with an extension tube and probe preliminary filter.		
Extension tube 1200 °C for extending the industrial probe set 1200 °C (0600 7610) and heated industrial probe set (0600 7630)	Probe shaft: T <sub>max.</sub> +1200 °C Length 1.0 m, Ø 12 mm Material 2.4856 alloy 625	0600 7617
The extension tube can be screwed directly onto the unheated probe shaft up to +1200 °C and the heated probe shaft up to +600 °C.*		
Thermocouple Type K, length 2.2 m	Type K Length 2.2 m, Ø 2 mm T <sub>max.</sub> +1200 °C	0600 7615
Industrial probe preliminary filter for dust-laden flue gas  The probe preliminary filter can be screwed directly onto the unheated probe shaft up to +1200 °C and the heated probe shaft up to +600 °C.*	Material porous silicon carbide T <sub>max.</sub> +1,000 °C, Length 105 mm, Ø 30 mm Filtration grade 10 μm	0600 7616
Heated gas sampling hose	Corrugated hose with PTFE inner core Length 4.0 m; outside diameter 34 mm Heating temperature range > +120 °C	on request
Transport case for probes Suitable for all probes with a total length > 335 mm.		0516 7600
Spare dirt filter (10 off)		0554 3371

<sup>\*</sup>For ease of tightening and releasing, we recommend the use of ceramic paste on the thread. This is available from retailers.

## Technical data



	Measuring range	Accuracy ±1 digit	Resolution	Adjustment time t <sub>so</sub>
O <sub>2</sub> measurement	0 to 25 Vol. %	±0.2 Vol. %	0.01 Vol. %	< 20 sec
CO measurement (H <sub>2</sub> compensated)	0 to 10.000 ppm	±10 ppm or ±10% of m.v. (0 to 200 ppm) ±20 ppm or ±5% of m.v. (201 to 2.000 ppm) ±10% of m.v. (2.001 to 10.000 ppm)	1 ppm	< 40 sec
CO <sub>low</sub> measurement (H <sub>2</sub> compensated)	0 to 500 ppm	±2 ppm (0 to 39.9 ppm) ±5% of m.v. (remaining range) <sup>X</sup> <sup>x</sup> data corresponds to 20°C ambient temperature. Additional temperature coefficient 0.25% of reading/K.	0.1 ppm	< 40 sec
NO measurement	0 to 4.000 ppm	·		< 30 sec
NO <sub>low</sub> measurement	0 to 300 ppm	±2 ppm (0 to 39.9 ppm) ±5% of m.v. (remaining range)	0.1 ppm	< 30 sec
NO <sub>2</sub> measurement*	0 to 500 ppm	±10 ppm (0 to 199 ppm) ±5% of m.v. (remaining range)	0.1 ppm	< 40 sec
SO <sub>2</sub> measurement*	0 to 5.000 ppm	±10 ppm (0 to 99 ppm) ±10% of m.v. (remaining range)	1 ppm	< 40 sec
<b>Temperature meas.</b> Probe type Type K (NiCr-Ni)	-40 to +1.200 °C	±0.5 °C (0 to +99 °C) ±0.5 % of m.v. (remaining range)	0.1 °C	
Draught measurement	-40 to +40 hPa	±0.03 hPa (-2.99 to +2.99 hPa) ±1.5 % of m.v. (remaining range)	0.01 hPa	
Differential pressure measurement	-200 to 200 hPa	±0.5 hPa (-49.9 to 49.9 hPa) ±1.5 % of m.v. (remaining range)	0.1 hPa	
Absolute pressure measurement			1 hPa	
Derived parameters				
Efficiency	0 to 120 %		0.1 %	
Flue gas loss	0 to 99.9 %		0.1 %	
Exhaust gas dewpoint	0 to 99.9 °C		0.1 °C	
CO <sub>2</sub> measurement	0 to CO <sub>2</sub> max.	±0.2 Vol. %	0.1 Vol. %	< 40 sec
(Calculated from O <sub>2</sub> )				

<sup>\*</sup>To avoid absorption, a maximum measurement duration of 2 hours should not be exceeded.

## **Bluetooth**

## Country permits $BLUETOOTH^{\text{o}}$ wireless transmission for testo 340

The BLUETOOTH® radio module used by Testo is permitted for the following countries and may only be used in those countries, i.e. the BLUETOOTH® wireless transmission may not be used in any other country!

### Europe including all EU member states

Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Great Britain, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden and Turkey

#### **European countries (EFTA)**

Iceland, Liechtenstein, Norway, Switzerland

### Non-European countries

Canada, USA, Japan, Ukraine, Australia, Columbia, El Salvador, Mexico, Venezuela, Ecuador, New Zealand, Bolivia, Dominican Republic, Peru, Chile, Cuba, Costa Rica, Nicaragua, Korea, Belarus.



## Technical data



### Measuring range extension

Single dilution, factor 5 (standard)	Measuring range	Accuracy	Resolution
CO measurement (H <sub>2</sub> compensated)	700 ppm to 50.000 ppm	±10 % of m.v. (additional error)	1 ppm
CO <sub>low</sub> measurement (H <sub>2</sub> compensated)	300 ppm to 2.500 ppm	±10 % of m.v. (additional error)	0.1 ppm
NO measurement	500 ppm to 20.000 ppm	±10 % of m.v. (additional error)	1 ppm
NO <sub>low</sub> measurement	150 ppm to 1.500 ppm	±10 % of m.v. (additional error)	0,1 ppm
SO <sub>2</sub> measurement	500 ppm to 25.000 ppm	±10 % of m.v. (additional error)	1 ppm
	0 to 25 Vol.%	±1 Vol.% additional error (0 to 4.99 Vol.%) ±0.5 Vol.% additional error	0.01 Vol.%
		(0 to 4.99 Vol.%)	
		(5 to 25 Vol.%)	
CO measurement (H <sub>2</sub> compensated)	700 ppm to 20.000 ppm	±10 % of m.v. (additional error)	1 ppm
CO <sub>low</sub> measurement (H <sub>2</sub> compensated)	300 ppm to 1.000 ppm	±10 % of m.v. (additional error)	0.1 ppm
NO measurement	500 ppm to 8.000 ppm	±10 % of m.v. (additional error)	1 ppm
NO <sub>low</sub> measurement	150 ppm to 600 ppm	±10 % of m.v. (additional error)	0.1 ppm
NO <sub>2</sub> measurement	200 ppm to 1.000 ppm	±10 % of m.v. (additional error)	0.1 ppm
SO, measurement	500 ppm to 10.000 ppm	±10 % of m.v. (additional error)	1 ppm

#### General technical data

Memory	
Maximum	100 folders
Per folder	Max. 10 sites
Per site	Max. 200 logs
	The max. number of logs is determined by the number of folders or sites
User-defined	
fuels	10 user-defined fuels incl. test gas as fuel
Regulated diaphragm	
Pump flow	0.6 l/min (regulated)
Hose length	max. 7.8 m (corresponds to two probe hose extensions)
Max. pos. press./flue gas	+50 mbar
Max. neg. press./flue gas	-200 mbar
Weight	960 g
Dimensions	283 x 103 x 65 mm
Storage temperature	-20 to +50 °C
Operating temperature	-5 to +50 °C

Display	Graphic display 160 x 240 pixels
Power supply	Battery block 3.7 V / 2.4 Ah Mains unit 6.3 V / 2 A
Housing material	TPE PC
Protection class	IP40
Guarantee	
Measuring instrument	2 years
Gas sensors	CO, NO, $CO_{low}$ , $NO_{low}$ , $NO_2$ , $SO_2$ : 1 year $O_2$ : 1.5 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



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Subject to change without notice.