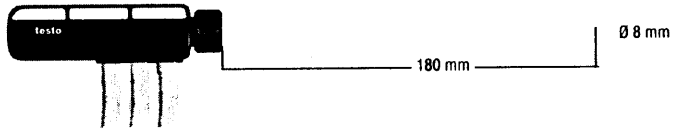
Compact flue gas probe with immersion depth of 180 mm, T_{max} +500 °C

0632.0310 C
0554.0054 C

5 

Incl. cone to fix probe, NiCr-Ni thermocouple, 2.2 m hose with integrated independent condensate trap and particle filter — 0600.9534 C

0600.9532 C
0600.9797 C

6 Compact flue gas probe, as above but with 300 mm immersion depth — 0600.9532 C

0554.0345 C

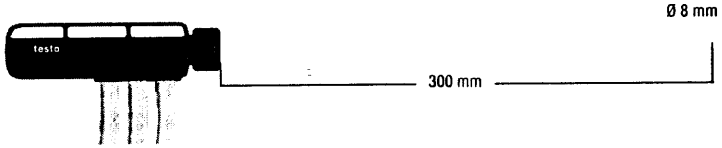
Not available outside Germany

0516.0301 C
0516.0300 C

Part no.

Flue gas probe for up to +1000 °C, specially for measurements in very hot flue gases

0632.0300 C
0554.0054 C

9 

Incl. cone to fix probe, NiCr-Ni thermocouple, 2.2 m hose with integrated independent condensate trap and particle filter — 0600.8532 C

0600.9532 C
0600.9797 C

10 Flue gas probe for up to +1000 °C, as above but with 700 mm immersion depth — 0600.8531 C

0554.0570 C

No. Temperature probes for testo 300 M and testo 300 XL — Part no.

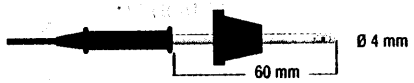
0516.0301 C
0516.0300 C

Ambient air probe, 300 mm, T_{max} +100 °C

11 

For separate measurement of ambient air temperature in systems independent of ambient air, with cone — 0600.9791 C

Miniature ambient air probe, 60 mm, T_{max} +100 °C

12 

Specially for dual wall clearance temperature measurement in systems independent of ambient air, with cone and magnetic clip — 0600.9797 C

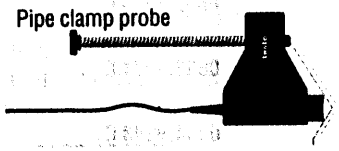
Part no.

0632.0310 C

13 Stub probe for separate temperature measurement, T_{max} +80 °C — To measure ambient air temperature — 0600.3692 C

0632.0300 C

Pipe clamp probe

14 

For measurement of flow and return temperature in a pipe with a diameter of max. 2" — 0600.4593 C

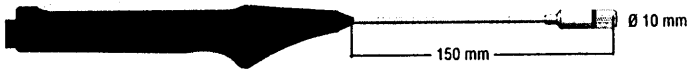
0554.0054 C

Spare measuring head — 0602.0092 C

0440.3922 C

Quick-action surface probe. Please order connection cable (see below).

C

15 

With sprung thermocouple strip for exact temperature measurement in floor heating, radiators, insulations... — 0604.0194 C

16 Connection cable for quick-action surface probes — 1.5 m long, PUR coating material — 0430.0143 C

O_2 CO_2 CO NO λ effg effn ΔP

Ordering data **testo 300 M and testo 300 XL**

No.	Additional accessories for **testo 300 M and testo 300 XL**		Part no.
17	**Desktop printer**	Infrared printer for cordless printout of measured values, incl. 4 batteries and 1 roll of thermal paper	**0554.0345 C**
18	**Thermal paper** for desktop printer and attachable printer	6 rolls	**0554.0569 C**
19	**Recharger** for desktop printer and attachable printer	Incl. 4 rechargeable batteries	**0554.0110 C**
20	**Economical software** Windows® software for data management	With convenient analysis and graphics function, online measurement and barcode printout	**0554.0310 C**
21	**Lock on date/time**	Windows® software to lock adjustable clock in order to avoid manipulations in the final record	**0554.0311 C**
22	**Cable connecting measuring instrument - PC**	1.8 m long	**0409.0154 C**
23	**Hose connection set** for separate gas pressure measurement	Incl. silicone hose and connection adapter	**0554.0315 C**
24	**$NO_{(X)}$ upgrade**	for subsequent integration in testo 300 M / XL	**0554.3922 C**
25	**Adhesive pockets** for safekeeping of printout on boiler	50 off	**0554.0116 C**
26	**Spare particle filter** for testo 300 M / XL	10 off	**0554.3371 C**
27	**ISO calibration certificate** as proof of testo 300´s accuracy	Cal. points: 2.5 % O_2, 100 and 1000 ppm CO, 300 ppm NO, 80 ppm NO_2, 100 ppm SO_2 (depending on instr.)	**0520.0003 C**

No.	Cases for **testo 300 M and testo 300 XL**		Part no.
28	**SoftCase** dust and impact protection for measuring instrument	Made of elastic plastic, incl. carrier strap and magnetic plate for attachment to boiler	**0516.0301 C**
29	**Transport case** for measuring instrument, probes and accessories	Material: plastic	**0516.0300 C**
30	**Leather case** for measuring instrument, probes and accessories	Robust, spacious case made of real leather	**0516.0100 C**

No.	Compact gas drier for **testo 300 M and testo 300 XL**		Part no.
31	**Compact gas drier, basic version** for measurements with high condensate level	(Manual condensate emptying unit)	**0632.3370 C**
	for measurements with high		

Ordering data for acces

36	**Attachable printe**	
37	**SoftCase** for attachat	
38	**Gas leak detectio**	
39	**CO sniffer**	
40	**Barcode pen** for re	
41	**Barcode labels** se	
42	**Memory extensio**	

Accessories only for t

1. Attachable printer / SoftCa

Practical infrared printer to atta
testo 300 XL or for operation a
distance of 2 m.
The SoftCase made of elastic p
protects the printer from dust a
impact.

Attachable printer
Part no.: 0554.0570 C

SoftCase for attachable printer
Part no.: 0516.0411 C

3. Gas leak detection probe

There may be leaks in gas pipe
Avoid the danger of explosion
checking regularly for leaks. T
leak detection probe recognise
concentrations. An alarm is se

0554.0345 C	37	**SoftCase** for attachable printer	Dust and impact protection, made of elastic plastic — **0516.0411 C**
0554.0569 C	38	**Gas leak detection probe**	To detect large and small leaks — **0632.1246 C**
0554.0110 C	39	**CO sniffer**	For separate CO safety measurements on gas burners in living areas — **0632.1247 C**
0554.0310 C	40	**Barcode pen** for reading in measurement locations	Quick and reliable allocation of measured value to location — **0554.0460 C**
0554.0311 C	41	**Barcode labels** self-adhesive, 1200 off	For marking the location with barcode, printed on using Economical software — **0554.0411 C**
0409.0154 C	42	**Memory extension to 400 data blocks**	For saving measured values from up to 400 complete systems in testo 300XL — **0440.0122 C**

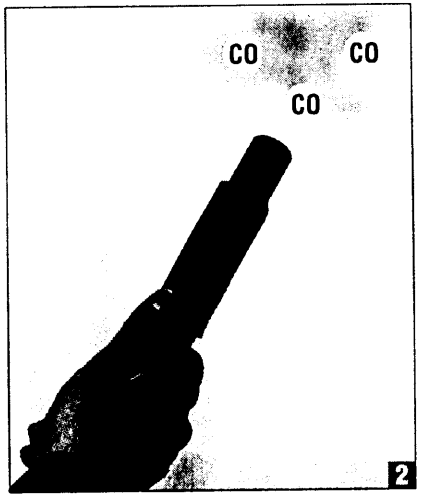
Accessories only for testo 300 XL:

1. Attachable printer / SoftCase

Practical infrared printer to attach to testo 300XL or for operation at a distance of 2 m.
The SoftCase made of elastic plastic protects the printer from dust and impact.

Attachable printer
Part no.: 0554.0570 C

SoftCase for attachable printer
Part no.: 0516.0411 C



2. CO sniffer

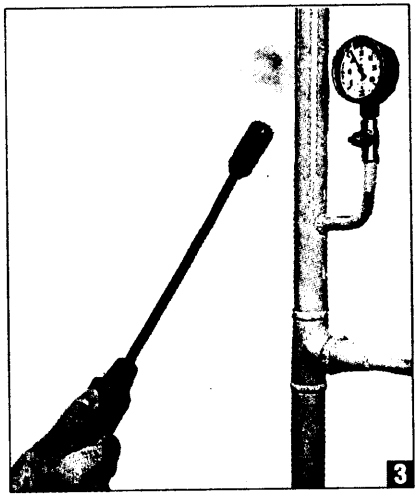
CO is an odourless and colourless breathing poison. The safety of humans is endangered in living areas where atmospheric gas burners are installed. Using the CO sniffer you can quickly and safely check CO levels in the ambient air.

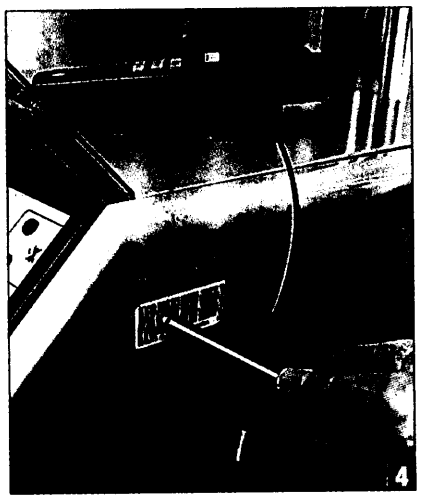
Part no.: 0632.1247 C

3. Gas leak detection probe

There may be leaks in gas pipelines. Avoid the danger of explosion by checking regularly for leaks. The gas leak detection probe recognises high concentrations. An alarm is set off in the form of optical and acoustical signals.

Part no.: 0632.1246 C





4. Barcode pen

For reliability when allocating the measured data to the measurement locations. The barcode is printed on the self-adhesive barcode labels using Economical software.

Barcode pen
Part no.: 0554.0460 C

Barcode labels (1200 off)
Part no.: 0554.0411 C

Economical software
Part no.: 0554.0310 C

Part no.
0516.0301 C
0516.0300 C
0516.0100 C
Part no.
0632.3370 C
0632.3371 C
0554.0143 C
0449.0034 C
0554.3370 C

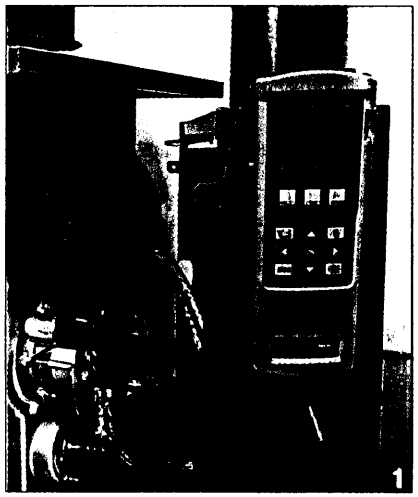
O_2 CO_2 CO NO λ effg effn ΔP

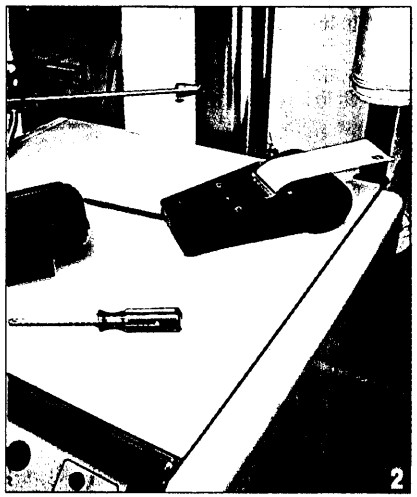
Accessories for **testo 300** *M* and **testo 300** *XL*

1. SoftCase (protective case)

The protective case, made of elastic plastic, protects the measuring instrument from dust and impact. testo 300 can be attached to the boiler via the integrated magnetic plate. You then have both hands free! An integrated carrier strap makes it easier to transport the analyser.

Part no.: 0516.0301 C





2. Desktop printer

The tried and tested infrared printer has the option of printing a protocol directly on location.
Operation with an infrared beam means that there are no awkward cable connections. Instead you have practical documentation of the measured data on location.

The measured results are printed black on white with date and time.

Part no.: 0554.0345 C

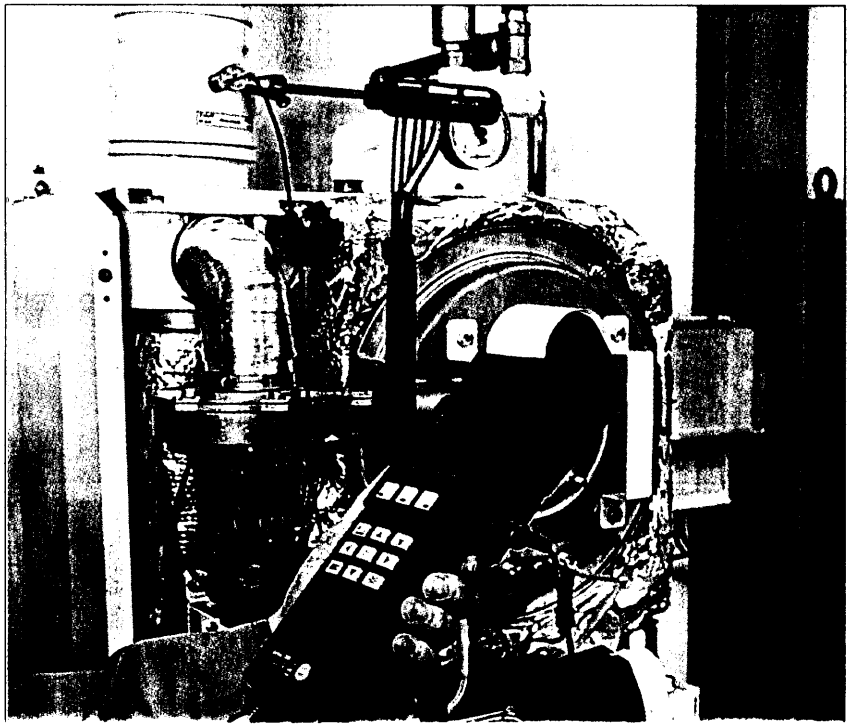
3. Compact gas drier

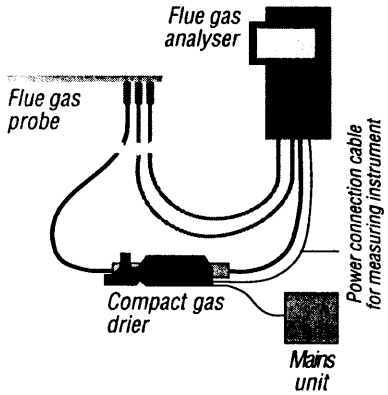
Conventional condensate traps are not always sufficient for modern burners. If the analyser is colder than the condensate trap, condensation develops in the analyser and damages the measuring cells.

The compact gas drier prevents damage resulting from condensate in the flue gas analyser. The integrated gas cooler cools the sample gas and condensate then develops very quickly in the condensate trap. In this way the instrument receives "dry" sample gas. The improved particle filter and protective diaphragm (condensate block) ensure additional reliability.

It is recommended that the compact gas drier is used:

- when carrying out several measurements at short intervals (service),
- for heating systems with high conden-





The Compact gas drier can be connected to all of Testo´s flue gas analysers using a plug-in connection. The gas drier is simply installed in place of the condensate trap.

Compact gas drier, basic version
Part no..: 0632.3370 C

Compact gas drier, comfort version

Accessories for **testo**

4. Exchangeable measuring cells/rechargeable batteries

Changing the measuring cells is as changing a battery. You can c the used up measuring cells. Ea measuring cell is ready to opera immediately on account of the a electronics. It couldn´t be easier quick rechargeable batteries car quickly and easily exchanged.

5a. Branch software

Data can be exchanged with all conventional branch software v RS232 interface.

5b. Economical software for:

- quick and uncomplicated management of saved measu using convenient graphics an analysis functions such as tab diagrams
- online measurement with mea procedure displayed on PC m e.g. for training purposes
- Barcode printout on labels

Part no.: 0554.0310 C

6. Calibration certificates

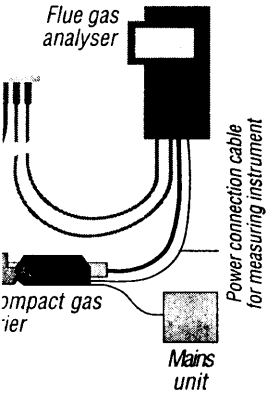
Testo offers DKD and ISO calib certificates for the following pa ters:

DKD: Temperature, humidity, v pressure, voltage, current

:ested infrared printer has
)rinting a protocol directly

) an infrared beam means
no awkward cable
nstead you have practical
n of the measured data on

l results are printed black
date and time.
.0345 C



gas drier can be
all of Testo´s flue gas
)g a plug-in connection.
is simply installed in place
sate trap.

drier, basic version
2.3370 C

drier, comfort version
) automatic condensate
to pump out condensate
erm measurements
2.3371 C

Changing the measuring cells is as easy as changing a battery. You can change the used up measuring cells. Each measuring cell is ready to operate immediately on account of the attached electronics. It couldn´t be easier. The quick rechargeable batteries can also be quickly and easily exchanged.


4

5a. Branch software
Data can be exchanged with all conventional branch software via the RS232 interface.

5b. Economical software for:
- quick and uncomplicated management of saved measured data using convenient graphics and analysis functions such as tables and diagrams
- online measurement with measuring procedure displayed on PC monitor e.g. for training purposes
- Barcode printout on labels

Part no.: 0554.0310 C


5

6. Calibration certificates

Testo offers DKD and ISO calibration certificates for the following parameters:

DKD: Temperature, humidity, velocity, pressure, voltage, current and frequency.

ISO: Temperature, humidity, velocity, pressure, rpm, voltage, current, frequency, sound level, light intensity, flue gas.

ISO calibration certificate for flue gas
Part no.: 0520.0003 C

6

MEASURING RANGES
Temperature measurement
Meas. range: -40 to +1200 °C
Accuracy: ±0.5 °C (0 to +99.9 °C)
±0.5 % of m.v. (from +100 °C)
Resolution: 0.1 °C / 1 °C (from +1000 °C)
Draught/pressure meas., Δp meas.
Meas. range: ±80 mbar
Resolution: 0.01 mbar
Accuracy: ±0.03 mbar
Gross/net efficiency
Meas. range: 0 to 120 %
Resolution: 0.1 %
O_2 measurement
Meas. range: 0 to 21 vol. %
Accuracy: ±0.2 vol. % absolute
Resolution: 0.1 vol. %
CO_2 measurement
Display range: 0 to CO_2 max
Accuracy: ±0.2 vol. %
Resolution: 0.01 vol. %
CO measurement (with H_2 compensation)
Meas. range: 0 to 8000 ppm
Accuracy: ±20 ppm (to 400 ppm)
±5 % of m.v. (to 2000 ppm)
±10 % of m.v. (to 8000 ppm)
Resolution: 1 ppm
NO measurement (optional)
Meas. range: 0 to 3000 ppm
Accuracy: ±5 ppm (to 100 ppm)
±5 % of m.v. (to 2000 ppm)
±10 % of m.v. (to 3000 ppm)
Resolution: 1 ppm

GENERAL TECHNICAL DATA
Memory: 20 data blocks
Weight: 700 g
Dimensions: 250 x 85 x 65 mm (l x w x h)
Transport/ storage temp.: -20 to +50 °C
Ambient temp.: +4 to +45 °C
Display: Graphics display 128 x 100 pixels
Power supply: Via plug-in mains unit, batteries or exchangeable rechargeable batteries

DESKTOP PRINTER
Printer type: infrared thermal printer, adjustable contrast
Receiving radius: max. 2 m
Dimensions: 186 x 91 x 61 mm
Weight: 0.43 kg incl. batteries
Operating temp.: 0 to 50 °C
Storage temp.: -40 to +60 °C
Power supply: 4 AA batteries 1.5 V or NC rechargeables

MEASURING RANGES
Ambient CO measurement (with CO sniffer)
Measuring range: 0 to 500 ppm
Accuracy: ±5 ppm (0 to 100 ppm)
±5 % of m.v. (>100 ppm)
Resolution: ±1 ppm
Gas leak measurement for combustible gases (with gas leak detection probe)
1st alarm limit 200 ppm CH_4
2nd alarm limit 10,000 ppm CH_4
Optical display (LED) for 1st and 2nd alarm limit, acoustic alarm via buzzer

GENERAL TECHNICAL DATA
Memory: 100 data blocks

ATTACHABLE PRINTER
Printer type: infrared thermal printer, can be attached to testo 300 XL
Receiving radius: max. 2 m
Dimensions: 115 x 78 x 78 mm
Weight: 290 g (incl. batteries)
Operating temp.: 0 to 45 °C
Storage temp.: -20 to +60 °C
Power supply.: 4 AA batteries 1.5 V or NC rechargeables
Other features:
- Prints company logos
- Autom. data check via bi-directional interface
- Quick data transfer (70 cm text in 9 s)

Warranty

Analysers	2 years (except working parts, measuring cells)
CO/NO meas. cell	1 year
O_2 meas. cell	1 1/2 years
Probes	1 year (except filter)
Rechargeable batt.	1 year
Accessories	6 months
Printer	1 year (except printing mechanism)

O_2

CO_2

CO

NO

λ

effg

effn

ΔP