°C

hPa

% qA

Vol.%

02

CO2

CO

λ

ΔΡ



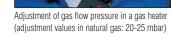
Compact analyser for electronic flue gas analysis



With testo 325, Testo is offering an affordable introduction to professional flue gas analysis. testo 325 is the ideal instrument for quick and accurate adjustment of burners.

Up to now many different instruments were necessary. Now only one compact analyser is required and its user-friendly operation is leading the way.

Prints readings with date and time



- Measures flow/return temperature with display of differential temperature
- Magnetic SoftCase protects from dirt and impact
- TÜV approval TÜV By RgG 188



Fine adjustment of the flow and return temperature in floor heating using a clamp probe

testo 325-2

02, draught, °C measurement

testo 325-2, flue gas analyser, incl. batteries and calibration protocol

Vol. % Part no.

0563 0330

Set, CO, draught, °C measurement

testo 325-3, flue gas analyser, incl. flue gas probe; 180mm long, case, batteries and calibration protocol

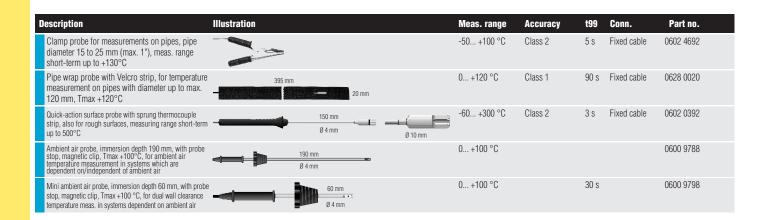
Part no. 0563 0340

ppm Suitable probes at a glance

Description	Illustration		Part no.
Compact flue gas probe, 180 mm immersion depth incl. probe stop for positioning, NiCr-Ni thermocouple up to +500°C, 1.5 m hose		180 mm Ø 8 mm	0600 9544
Compact flue gas probe, 300 mm immersion depth incl. probe stop for positioning, NiCr-Ni thermocouple up to +500°C, 1.5 m hose		300 mm Ø 8 mm	0600 9542
TÜV approved flue gas probe, 180 mm immersion depth, corresponding to the latest instrument test guidelines for measurements on atmospheric gas systems, 2.2 m hose	testo	180 mm Ø 8 mm	0600 9543

effq

effn



testo-

Practical accessories and recommended sets



Testo printer Prints readings on location

Part no. 0554 0545



 $Soft Case \ made \ of \ plastic \ with \ magnetic \ plate, \\ carrier \ strap$

Protects instrument from dirt and impact

Part no. 0516 2570



NEW System case for measuring instrument, probe and accessories, easily attached to other cases

Ordering data for Accessories

Part no. 0516 0326



Smoke tester with oil, soot sheet for measuring soot in flue gas

Part no.

0520 0039

Part no. 0554 0307





testo 325-2, flue gas analyser, incl. batteries and calibration protocol

Mains unit 230 V/8 V/1 A, for instrument (European plug)

Compact flue gas probe, 180 mm immersion depth incl. probe stop for positioning, NiCr-Ni thermocouple up to +500°C, 1.5 m hose

SoftCase made of plastic with magnetic plate, carrier strap

Transport case (plastic) for instrument, probes and accessories

Vol.% 02

% qA

°C

hPa

Vol. % CO2

> ppm CO

> > ΔΡ

λ

effg

effn

Mains unit 230 V/8 V/1 A, for instrument (European plug)	0554 1084
Recharger for instrument and printer (with 4 standard rech. batteries) Rechargeable batteries are recharged externally	0554 0110
SoftCase made of plastic with magnetic plate, carrier strap Protects instrument from dirt and impact	0516 2570
TopSafe (indestructible protection case) IP 42, incl. magnetic plate, carrier strap Protects instrument from dirt, moisture and impact	0516 0444
Testo printer with 1 roll of thermal paper and 4 AA size batteries Prints readings on location	0554 0545
Spare thermal paper for printer (6 rolls)	0554 0569
Spare thermal paper for printer (6 rolls) Measurement data documentation legible for up to 10 years	0554 0568
Smoke tester with oil, soot sheet for measuring soot in flue gas	0554 0307
Filter paper to determine smoke number 40 strips for approx. 200 measurements	0554 0308
Hose connection set, incl. silicone hose and connection adapter For separate gas pressure measurement	0554 0315
Spare CO measuring cell (incl. NO filter) for testo 325-3	0390 0168
Spare 02 measuring cell for testo 325-2 Measuring cell can be quickly and easily changed by the user	0390 0069
Spare particle filter (10 off)	0554 0040
Transport case (plastic) for instrument, probes and accessories For safe and orderly storage	0516 3250
Alu. case for analyser, probe and acc. Probes in lid make it easy to find parts in case	0516 0325
NaW System case for measuring instrument, probe and accessories, easily attached to other cases	0516 0326
N=W Tools system case with tools bag without contents, attachable to system case 0516 0326	0516 0329
N=W Product line system case with small plastic boxes without contents, attachable to system case 0516 0326	0516 0328
NEW Universal system case without sections, attachable to system case 0516 0326	0516 0331
ISO calibration certificate/Flue gas	0520 0003

Calibration points 2.5% O2; 100 and 1000 ppm CO; 800 ppm NO; 80 ppm NO2; 1000 ppm SO2

ISO calibration certificate/CO

CO probes; calibration points 0; 80 ppm

Probe type	Type K (NiCr-Ni)	Piezoresistive pressure sensor		Efficiency	
Meas. range	-40 +600 °C	-40 +40 hPa		0 +120 %	
Accuracy ± 1 digit	$\pm 0.5\%$ of mv (+100 +600 °C) ± 0.5 °C (0 +99.9 °C)	±1.5% of mv (+3 +40 hPa) ±0.03 hPa (-40 +3 hPa)			
Resolution	0.1 °C (-40 +600 °C)	0.01 hPa (-40 +40 hPa)		0.1 % (0 +120 %)	
Probe type	Electrochemical	Calc. parameter		Electrochemical	
Meas. range	0 +21 Vol.% 02	0 CO2max Vol. % CO2		0 +2000 ppm C0	
Accuracy ± 1 digit	±0.2 Vol.% 02 (0 +21 Vol.% 02)	±0.2 Vol. % CO2		±5% of mv (+401 +2000 ppm CO) ±20 ppm CO (0 +400 ppm CO)	
Resolution	0.1 Vol.% 02 (0 +21 Vol.% 02)	0.01 Vol. % CO2		1 ppm C0 (0 +2000 ppm C0)	
Display Oper. temp. Storage temp. Power supply Battery type Battery life Dimensions Weight Warranty	LCD, 2 lines +4 +45 °C -20 +50 °C Battery/Rechargeable battery 4 AA batteries 4 h 216x68x47 mm 500 g 2 years		Temperature: Sensor Thermocouple Type K according to DIN IEC 584, Part 2 C02 meas.: dig. calculation from 02 C0 meas.: (H2 level less than 10%); Reaction time t90: max. 60, typical 40 s Warranty: Measuring instrument: 2 years (excluding working parts e.g. measuring cells) C0 measuring cell: 1/2 year 02 measuring cell: 1 year Power supply: Batteries, mains unit or rechargeables		