

# Pressure and leakage measuring instrument

testo 324 - Pressure and leakage measurement on gas and water pipes

All measurements for gas and water pipes in one instrument

High-resolution colour graphic display

Simple menu structure

Easy operation thanks to single-hose connection

Case with gas-feed appliance

Integrated pressure set-up up to 300 mbar

Highly accurate sensors

DVGW-compliant measurement results









In the course of years, gas and water systems can become untight. For this reason, according to the legal requirements of DVGW, ÖVGW and UNI, all pipes and valves must be regularly checked for functional safety and tightness, also when new adjustments or significant changes are made. With the testo 324, not only can load and tightness tests be carried out exactly and easily, but also the important servicability test. Only a test under real conditions shows whether all pipes and valves are working properly. The

testo 324 is a digital measuring instrument of the newest generation. A flow-through sensor, an absolute pressure sensor and two pressure sensors offer the highest level of accuracy. Developed specially for professional applications in everyday work, all relevant elements for the measurement are combined in one instrument case. Thanks to the fact that gas is fed into the system, the development of a dangerous gas-air mixture is avoided. DVGW-G-5952-tested.



#### Well equipped for all tests

You can carry out all tests on gas and water pipes with the allround measuring instrument testo 324:

- Tightness of gas pipes (according to TRGI 2018 G-600 and DVGW G 5952)
  - Load and tightness test
  - Servicability test

- Tightness of LPG pipes (according to TRF 2021)
  - Load and tightness test
  - Repeated tests
- Gas pressure regulator for identifying errors in pressure reducer
- Drinking water pipes according to ZVSHK (EN 806-4)
- Waste water pipes according to DIN EN 1610



Automatic servicability test with gas-feed appliance with connection to the gas boiler



oad test



Automatic tightness test



Servicability test



Drinking and waste water test (high-pressure probe up to 25 bar available)

### Ordering data

## Basic set testo 324: Ready to measure for all legally required tests

testo 324 leakage measuring instrument, mains unit, system case incl. gas-feed appliance, connection block\* with connection hose, manual test pump for creating test pressure, adapter for measurement connection to gas boiler, high-pressure stage stop 3/4" and 1 1/4"

Part no. 0563 3240 70

## Pro set testo 324: Professional measurement, documentation and testing

testo 324 leakage measuring instrument, mains unit for testo 324 and basic printer, system case incl. gas-feed appliance, connection block\* with connection hose, manual test pump for creating test pressure, adapter for measurement connection to gas boiler, high-pressure stage stops 3/4" & 1 1/4", high-pressure stage stops 3/8" und 3/4", high-pressure stage stops 1/2" and 1", conical test stop 1/2", conical test stop 3/4", gas leak detector testo 316-2, infrared basic printer (incl. batteries), spare printer paper

Part no. 0563 3240 71

 $<sup>^{\</sup>star}$  Instrument, pump and hose connection incl. overpressure valve and stopcock



### Ordering data / Accessories

Option Bluetooth® wireless transmission  Bluetooth® retrofit  Wains unit for testo 324 (also suitable for infrared basic printer)  OC software easyNeat  USB connection cable, instrument-PC  Printer and Accessories  Part no.  Basic infrared printer (incl. battleries)  Printer and Accessories  Part no.  Basic infrared printer (incl. battleries)  Fiesto Bluetooth®/IRDA printer incl. 1 roll of printer paper, rechargeable battery and mains unit  O554 0568  Dasace  Part no.  Dasace  Part no.  Dasaces  Part no.  Dasaces  Part no.  Dasaces  Part no.  Dasaces  Part no.  Dasaces (height: 130 mm) for instrument, probes and accessories  Dasaces  Part no.  Conical test stop 1/2" for connecting test set to the gas pipe 19–32 mm  O554 3155  Conical test stop 3/4" for connecting test set to the gas pipe 24–44 mm  O554 3155  High-pressure stage stop 3/4 and 1 1/4"  Dasaces at the stop 3/8 and 3/4; to connect test set to gas pipe  O554 3164  High-pressure stage stop 3/4 and 1 1/4"  Dasaces at the stop 1/2" and 1; to connect test set to gas pipe  O554 3164  High-pressure stage stop 3/4" and 1 1/4"  Dasaces at the stop 3/4 and 1 1/4"  Dasaces at th	Measuring instrument and accessories	Part no.
Super thermal paper for printer, permanent ink  Cases  Part no.  System case incl. gas-feed appliance, connection block* & connection hose; 476 x 191 x 363 mm (WxHxD)  Ostional test stop 1/2* for connecting test set to the gas pipe 19-32 mm  Conical test stop 1/2* for connecting test set to the gas pipe 24-44 mm  Osta 3163  Chiefly-pressure stage stop 3/8 and 3/4; to connect test set to gas pipe  Osta 4 0543  Osta 4 0543  Osta 4 0543  Osta 4 0543  Osta 5 0sta 5 0sta 11/4*  Osta 6 0sta 11/4*  Osta 11/4	testo 324 pressure and leakage measuring instrument	0632 3240
Mains unit for testo 324 (also suitable for infrared basic printer)  PC software easyHeat  O554 3332  JSB connection cable, instrument-PC  Printer and Accessories  Part no.  Basic infrared printer (incl. battieries)  Cesto Bluetooth*/IRDA printer incl. 1 roll of printer paper, rechargeable battery and mains unit  O554 0549  Festo Bluetooth*/IRDA printer incl. 1 roll of printer paper, rechargeable battery and mains unit  O554 0620  Spare thermal paper for printer, permanent ink  O554 0568  Part no.  Cases  Part no.  System case incl. gas-feed appliance, connection block* & connection hose; 476 x 191 x 363 mm (WxHxD)  O516 3240  Instrument case (height: 130 mm) for instrument, probes and accessories  Stops, caps, hoses etc.  Part no.  Conical test stop 1/2" for connecting test set to the gas pipe 19–32 mm  O554 3151  Conical test stop 3/4" for connecting the test set to the gas pipe 24–44 mm  O554 3155  High-pressure stage stop 3/8 and 3/4; to connect test set to gas pipe  O554 3163  High-pressure stage stop 3/8 and 3/4; to connect test set to gas pipe  O554 3164  High-pressure stage stop 3/4" and 1 1/4"  O554 0533  Single-pipe counter cap, connects test fittings to pipe  Cellstributor with hose  O554 0532  High-pressure connection  O554 3139  Probes  Part no.  Very fast reaction surface probe with sprung thermocouple band, measuring range short-term up to +500 °C  O604 0194  High-pressure probe up to 25 bar  O638 1748  Connection cable, length 1.5 m, for probes with plug-in heads  Other accessories  Part no.  O554 3157  SO calibration certificate/flow in gases	Option Bluetooth® wireless transmission	
Port no.  Section of the printer and Accessories  Part no.  Basic infrared printer (incl. battieries)  Gest 0554 0549  Bresto Bluetooth*/IRDA printer incl. 1 roll of printer paper, rechargeable battery and mains unit 0554 0540  Spare thermal paper for printer, permanent ink 0554 0568  Cases  Part no.  System case incl. gas-feed appliance, connection block* & connection hose; 476 x 191 x 363 mm (WxHxD) 0516 3240  Instrument case (height: 130 mm) for instrument, probes and accessories 0516 3300  Stops, caps, hoses etc.  Part no.  Conical test stop 1/2* for connecting test set to the gas pipe 19–32 mm 0554 3151  Conical test stop 3/4* for connecting the test set to gas pipe 0554 3163  High-pressure stage stop 3/8 and 3/4; to connect test set to gas pipe 0554 3163  High-pressure stage stop 3/8 and 3/4; to connect test set to gas pipe 0554 3163  Single-pipe counter cap, connects test fittings to pipe 0554 0532  High-pressure connection 0554 0532  High-pressure connection 0554 3174  Porbes  Part no.  Very fast reaction surface probe with sprung thermocouple band, measuring range short-term up to +500 °C 0604 0194  High-pressure probe up to 25 bar 0638 1748  Connection cable, length 1.5 m, for probes with plug-in heads 0430 0143  Other accessories  Part no.  Cest pump for creating test pressure 0554 3157  So calibration certificate/flow in gases	Bluetooth® retrofit	
Printer and Accessories  Part no.  Basic infrared printer (incl. battieries)  Cresto Bluetooth®/IRDA printer incl. 1 roll of printer paper, rechargeable battery and mains unit  O554 0549  Cresto Bluetooth®/IRDA printer incl. 1 roll of printer paper, rechargeable battery and mains unit  O554 0568  Cresto Bluetooth®/IRDA printer incl. 1 roll of printer paper, rechargeable battery and mains unit  O554 0568  Cresto  Part no.  Cresto  System case incl. gas-feed appliance, connection block* & connection hose; 476 x 191 x 363 mm (WxHxD)  O516 3240  Instrument case (height: 130 mm) for instrument, probes and accessories  O516 3300  Stops, caps, hoses etc.  Part no.  Conical test stop 1/2* for connecting test set to the gas pipe 19-32 mm  O554 3151  Conical test stop 3/4* for connecting the test set to the gas pipe 24-44 mm  O554 3155  High-pressure stage stop 3/8 and 3/4; to connect test set to gas pipe  O554 3163  High-pressure stage stop 3/4* and 1 1/4*  O554 0533  Single-pipe counter cap, connects test fittings to pipe  V-distributor with hose  High-pressure connection  O554 3139  Probes  Part no.  Very fast reaction surface probe with sprung thermocouple band, measuring range short-term up to +500 °C  O604 0194  High-pressure probe up to 25 bar  O638 1748  Connection cable, length 1.5 m, for probes with plug-in heads  Other accessories  Part no.  Celest pump for creating test pressure  O554 3157  O500 calibration certificate/flow in gases	Mains unit for testo 324 (also suitable for infrared basic printer)	0554 1096
Printer and Accessories  Basic infrared printer (incl. battleries)  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  Cases  Part no.  System case incl. gas-feed appliance, connection block* & connection hose; 476 x 191 x 363 mm (WxHxD)  0516 3240  0516 3300  Stops, caps, hoses etc.  Part no.  Conical test stop 1/2" for connecting test set to the gas pipe 19–32 mm  054 3151  Conical test stop 3/4" for connecting the test set to the gas pipe 24-44 mm  0554 3155  High-pressure stage stop 3/8 and 3/4; to connect test set to gas pipe  0554 3163  High-pressure stage stop 1/2 and 1; to connect test set to gas pipe  0554 3163  Single-pipe counter cap, connects test fittings to pipe  7-distributor with hose  0554 0532  High-pressure connection  0564 3139  Probes  Part no.  Probes  Part no.  Official test set probe with sprung thermocouple band, measuring range short-term up to +500 °C  0604 0194  High-pressure probe up to 25 bar  0638 1748  Connection cable, length 1.5 m, for probes with plug-in heads  Other accessories  Part no.  Other accessories  Part no.  Oscalibration certificate/flow in gases	PC software easyHeat	0554 3332
Basic infrared printer (incl. battieries)  Festo Bluetooth*/IRDA printer incl. 1 roll of printer paper, rechargeable battery and mains unit  O554 0620  Spare thermal paper for printer, permanent ink  D554 0620  Spare thermal paper for printer, permanent ink  D554 0620  Spare thermal paper for printer, permanent ink  D554 0620  Part no.  Bystem case incl. gas-feed appliance, connection block* & connection hose; 476 x 191 x 363 mm (WxHxD)  O516 3240  Instrument case (height: 130 mm) for instrument, probes and accessories  D554 3151  Conical test stop 1/2* for connecting test set to the gas pipe 19–32 mm  O554 3151  Conical test stop 3/4* for connecting the test set to the gas pipe 24-44 mm  O554 3155  High-pressure stage stop 3/8 and 3/4; to connect test set to gas pipe  O554 3163  High-pressure stage stop 1/2 and 1; to connect test set to gas pipe  O554 0533  Single-pipe counter cap, connects test fittings to pipe  V-distributor with hose  High-pressure connection  Part no.  Wery fast reaction surface probe with sprung thermocouple band, measuring range short-term up to +500 °C  O694 0194  High-pressure probe up to 25 bar  Connection cable, length 1.5 m, for probes with plug-in heads  Other accessories  Part no.  O554 3157  SO calibration certificate/flow in gases	USB connection cable, instrument-PC	0449 0047
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  Part no.  System case incl. gas-feed appliance, connection block* & connection hose; 476 x 191 x 363 mm (WxHxD)  0516 3240 Instrument case (height: 130 mm) for instrument, probes and accessories  0516 3300  Stops, caps, hoses etc.  Part no.  Conical test stop 1/2" for connecting test set to the gas pipe 19–32 mm  0554 3151  Conical test stop 3/4" for connecting the test set to the gas pipe 24-44 mm  0554 3163  High-pressure stage stop 3/8 and 3/4; to connect test set to gas pipe  0554 3163  High-pressure stage stop 1/2 and 1; to connect test set to gas pipe  0554 0533  Single-pipe counter cap, connects test fittings to pipe  Y-distributor with hose  0554 0532  High-pressure connection  Part no.  Very fast reaction surface probe with sprung thermocouple band, measuring range short-term up to +500 °C  0604 0194  High-pressure probe up to 25 bar  Connection cable, length 1.5 m, for probes with plug-in heads  Other accessories  Part no.  Other accessories  Oscalibration certificate/flow in gases	Printer and Accessories	Part no.
Cases Part no.  System case incl. gas-feed appliance, connection block* & connection hose; 476 x 191 x 363 mm (WxHxD) 0516 3240 Instrument case (height: 130 mm) for instrument, probes and accessories 0516 3300  Stops, caps, hoses etc. Part no.  Conical test stop 1/2* for connecting test set to the gas pipe 19–32 mm 0554 3151 Conical test stop 3/4* for connecting the test set to the gas pipe 24-44 mm 0554 3155 High-pressure stage stop 3/8 and 3/4; to connect test set to gas pipe 0554 3163 High-pressure stage stop 1/2 and 1; to connect test set to gas pipe 0554 3164 High-pressure stage stop 3/4* and 1 1/4* 0554 0533 Single-pipe counter cap, connects test fittings to pipe V-distributor with hose 0554 0532 High-pressure connection 0554 3139  Probes Part no.  Very fast reaction surface probe with sprung thermocouple band, measuring range short-term up to +500 °C 0604 0194 High-pressure probe up to 25 bar 0638 1748 Connection cable, length 1.5 m, for probes with plug-in heads  Other accessories Part no.  Test pump for creating test pressure 0554 3157 SO callbration certificate/flow in gases	Basic infrared printer (incl. battieries)	0554 0549
Cases  Part no.  System case incl. gas-feed appliance, connection block* & connection hose; 476 x 191 x 363 mm (WxHxD)  0516 3240  Instrument case (height: 130 mm) for instrument, probes and accessories  0516 3300  Stops, caps, hoses etc.  Part no.  Conical test stop 1/2" for connecting test set to the gas pipe 19–32 mm  0554 3151  Conical test stop 3/4" for connecting the test set to the gas pipe 24-44 mm  0554 3155  High-pressure stage stop 3/8 and 3/4; to connect test set to gas pipe  0554 3163  High-pressure stage stop 1/2 and 1; to connect test set to gas pipe  0554 3164  High-pressure stage stop 3/4" and 1 1/4"  0554 0533  Single-pipe counter cap, connects test fittings to pipe  Y-distributor with hose  Part no.  Very fast reaction surface probe with sprung thermocouple band, measuring range short-term up to +500 °C  0604 0194  High-pressure probe up to 25 bar  Connection cable, length 1.5 m, for probes with plug-in heads  Other accessories  Part no.  Part no.  Confidence of the sprung test pressure  0554 3157  So calibration certificate/flow in gases	Testo Bluetooth®/IRDA printer incl. 1 roll of printer paper, rechargeable battery and mains unit	0554 0620
System case incl. gas-feed appliance, connection block* & connection hose; 476 x 191 x 363 mm (WxHxD)  Instrument case (height: 130 mm) for instrument, probes and accessories  Stops, caps, hoses etc.  Part no.  Conical test stop 1/2" for connecting test set to the gas pipe 19–32 mm  Conical test stop 3/4" for connecting test set to the gas pipe 24-44 mm  O554 3155  High-pressure stage stop 3/8 and 3/4; to connect test set to gas pipe  O554 3163  High-pressure stage stop 1/2 and 1; to connect test set to gas pipe  O554 3164  High-pressure stage stop 3/4" and 1 1/4"  O554 0533  Single-pipe counter cap, connects test fittings to pipe  Y-distributor with hose  O554 0532  High-pressure connection  O554 3139  Probes  Part no.  Wery fast reaction surface probe with sprung thermocouple band, measuring range short-term up to +500 °C  O604 0194  High-pressure probe up to 25 bar  Connection cable, length 1.5 m, for probes with plug-in heads  Other accessories  Part no.  Cest pump for creating test pressure  O554 3157  SO calibration certificate/flow in gases	Spare thermal paper for printer, permanent ink	0554 0568
Stops, caps, hoses etc.  Part no.  Conical test stop 1/2" for connecting test set to the gas pipe 19–32 mm  Conical test stop 3/4" for connecting the test set to the gas pipe 24-44 mm  O554 3155  High-pressure stage stop 3/8 and 3/4; to connect test set to gas pipe  O554 3164  High-pressure stage stop 1/2 and 1; to connect test set to gas pipe  O554 3164  High-pressure stage stop 3/4" and 1 1/4"  O554 0533  Single-pipe counter cap, connects test fittings to pipe  Y-distributor with hose  O554 3139  Probes  Part no.  Very fast reaction surface probe with sprung thermocouple band, measuring range short-term up to +500 °C  O604 0194  High-pressure probe up to 25 bar  Connection cable, length 1.5 m, for probes with plug-in heads  Other accessories  Part no.  Cest pump for creating test pressure  O554 3157  SO calibration certificate/flow in gases	Cases	Part no.
Stops, caps, hoses etc.  Conical test stop 1/2" for connecting test set to the gas pipe 19–32 mm  O554 3151  Conical test stop 3/4" for connecting the test set to the gas pipe 24-44 mm  O554 3155  High-pressure stage stop 3/8 and 3/4; to connect test set to gas pipe  O554 3163  High-pressure stage stop 1/2 and 1; to connect test set to gas pipe  O554 3164  High-pressure stage stop 3/4" and 1 1/4"  O554 0533  Single-pipe counter cap, connects test fittings to pipe  Y-distributor with hose  O554 3139  Probes  Part no.  Probes  Part no.  O694 0194  High-pressure probe up to 25 bar  Connection cable, length 1.5 m, for probes with plug-in heads  Other accessories  Part no.  O554 3157  So calibration certificate/flow in gases	System case incl. gas-feed appliance, connection block* & connection hose; 476 x 191 x 363 mm (WxHxD)	0516 3240
Conical test stop 1/2" for connecting test set to the gas pipe 19–32 mm  Conical test stop 3/4" for connecting the test set to the gas pipe 24-44 mm  0554 3155  High-pressure stage stop 3/8 and 3/4; to connect test set to gas pipe  0554 3163  High-pressure stage stop 1/2 and 1; to connect test set to gas pipe  0554 3164  High-pressure stage stop 3/4" and 1 1/4"  0554 0533  Single-pipe counter cap, connects test fittings to pipe  Y-distributor with hose  0554 0532  High-pressure connection  Part no.  Very fast reaction surface probe with sprung thermocouple band, measuring range short-term up to +500 °C  0604 0194  High-pressure probe up to 25 bar  Connection cable, length 1.5 m, for probes with plug-in heads  Other accessories  Part no.  Fest pump for creating test pressure  0554 3157  SO calibration certificate/flow in gases	Instrument case (height: 130 mm) for instrument, probes and accessories	0516 3300
Conical test stop 3/4" for connecting the test set to the gas pipe 24-44 mm  0554 3155  High-pressure stage stop 3/8 and 3/4; to connect test set to gas pipe  0554 3163  High-pressure stage stop 1/2 and 1; to connect test set to gas pipe  0554 3164  High-pressure stage stop 3/4" and 1 1/4"  0554 0533  Single-pipe counter cap, connects test fittings to pipe  Y-distributor with hose  0554 0532  High-pressure connection  0554 3139  Probes  Part no.  Very fast reaction surface probe with sprung thermocouple band, measuring range short-term up to +500 °C  0604 0194  High-pressure probe up to 25 bar  Connection cable, length 1.5 m, for probes with plug-in heads  Other accessories  Part no.  Other accessories  Part no.  Test pump for creating test pressure  0554 3157  SO calibration certificate/flow in gases	Stops, caps, hoses etc.	Part no.
High-pressure stage stop 3/8 and 3/4; to connect test set to gas pipe  High-pressure stage stop 1/2 and 1; to connect test set to gas pipe  High-pressure stage stop 3/4" and 1 1/4"  O554 0533  Single-pipe counter cap, connects test fittings to pipe  Y-distributor with hose  O554 3139  Probes  Part no.  Very fast reaction surface probe with sprung thermocouple band, measuring range short-term up to +500 °C  O604 0194  High-pressure probe up to 25 bar  Connection cable, length 1.5 m, for probes with plug-in heads  Other accessories  Part no.  Os54 3157  Os56 20084	Conical test stop 1/2" for connecting test set to the gas pipe 19–32 mm	0554 3151
High-pressure stage stop 1/2 and 1; to connect test set to gas pipe  O554 3164  High-pressure stage stop 3/4" and 1 1/4"  O554 0533  Single-pipe counter cap, connects test fittings to pipe  Y-distributor with hose  O554 0532  High-pressure connection  O554 3139  Probes  Part no.  Very fast reaction surface probe with sprung thermocouple band, measuring range short-term up to +500 °C  O638 1748  Connection cable, length 1.5 m, for probes with plug-in heads  Other accessories  Part no.  Test pump for creating test pressure  O554 3157  SO calibration certificate/flow in gases  O520 0084	Conical test stop 3/4" for connecting the test set to the gas pipe 24-44 mm	0554 3155
High-pressure stage stop 3/4" and 1 1/4"  Single-pipe counter cap, connects test fittings to pipe  Y-distributor with hose  High-pressure connection  O554 0532  Probes  Part no.  Very fast reaction surface probe with sprung thermocouple band, measuring range short-term up to +500 °C  O604 0194  High-pressure probe up to 25 bar  Connection cable, length 1.5 m, for probes with plug-in heads  Other accessories  Part no.  Test pump for creating test pressure  O554 3157  SO calibration certificate/flow in gases	High-pressure stage stop 3/8 and 3/4; to connect test set to gas pipe	0554 3163
Single-pipe counter cap, connects test fittings to pipe Y-distributor with hose High-pressure connection  Probes  Part no.  Wery fast reaction surface probe with sprung thermocouple band, measuring range short-term up to +500 °C  0604 0194 High-pressure probe up to 25 bar  Connection cable, length 1.5 m, for probes with plug-in heads  0430 0143  Other accessories  Part no.  Test pump for creating test pressure  0554 3157  SO calibration certificate/flow in gases	High-pressure stage stop 1/2 and 1; to connect test set to gas pipe	0554 3164
Y-distributor with hose 0554 0532 High-pressure connection 0554 3139  Probes Part no.  Very fast reaction surface probe with sprung thermocouple band, measuring range short-term up to +500 °C 0604 0194 High-pressure probe up to 25 bar 0638 1748 Connection cable, length 1.5 m, for probes with plug-in heads 0430 0143  Other accessories Part no.  Test pump for creating test pressure 0554 3157 SO calibration certificate/flow in gases 0520 0084	High-pressure stage stop 3/4" and 1 1/4"	0554 0533
Probes  Part no.  Wery fast reaction surface probe with sprung thermocouple band, measuring range short-term up to +500 °C 0604 0194  High-pressure probe up to 25 bar 0638 1748  Connection cable, length 1.5 m, for probes with plug-in heads 0430 0143  Other accessories  Part no.  Test pump for creating test pressure 0554 3157  SO calibration certificate/flow in gases 0520 0084	Single-pipe counter cap, connects test fittings to pipe	
Probes  Very fast reaction surface probe with sprung thermocouple band, measuring range short-term up to +500 °C 0604 0194  High-pressure probe up to 25 bar 0638 1748  Connection cable, length 1.5 m, for probes with plug-in heads 0430 0143  Other accessories  Part no.  Test pump for creating test pressure 0554 3157  SO calibration certificate/flow in gases 0520 0084	Y-distributor with hose	0554 0532
Very fast reaction surface probe with sprung thermocouple band, measuring range short-term up to +500 °C 0604 0194  High-pressure probe up to 25 bar 0638 1748  Connection cable, length 1.5 m, for probes with plug-in heads 0430 0143  Other accessories Part no.  Test pump for creating test pressure 0554 3157  SO calibration certificate/flow in gases 0520 0084	High-pressure connection	0554 3139
High-pressure probe up to 25 bar  Connection cable, length 1.5 m, for probes with plug-in heads  Other accessories  Part no.  Test pump for creating test pressure  SO calibration certificate/flow in gases  0638 1748  0430 0143  Part no.  0554 3157  0520 0084	Probes	Part no.
Connection cable, length 1.5 m, for probes with plug-in heads  Other accessories  Part no.  Test pump for creating test pressure  SO calibration certificate/flow in gases  0520 0084	Very fast reaction surface probe with sprung thermocouple band, measuring range short-term up to +500 °C	0604 0194
Other accessories     Part no.       Test pump for creating test pressure     0554 3157       SO calibration certificate/flow in gases     0520 0084	High-pressure probe up to 25 bar	0638 1748
Test pump for creating test pressure 0554 3157  SO calibration certificate/flow in gases 0520 0084	Connection cable, length 1.5 m, for probes with plug-in heads	0430 0143
SO calibration certificate/flow in gases 0520 0084	Other accessories	Part no.
	Test pump for creating test pressure	0554 3157
testo 316-2 electronic gas leak detector with flexible measurement probe, mains charger and earphones  0632 3162	ISO calibration certificate/flow in gases	0520 0084
	testo 316-2 electronic gas leak detector with flexible measurement probe, mains charger and earphones	0632 3162

<sup>\*</sup> Instrument, pump and hose connection incl. overpressure valve and stopcock



### Technical data

Protection class	IP40 according to EN 60526
Operating temperature	+5 to +40 °C
Storage temperature	-20 to +50 °C
Additional probe sockets	2 Hirschmann sockets for connecting pressure and temperature probes
Gas connections	2 pressure connections DN 5
Battery life	approx. 5 h measurement time, mains operation possible
Display	Colour display, presentation of graphic curves
Data transfer	USB, IRDA, Bluetooth® (option)
Compatible printers	0554 0549, 0554 0547, 0554 0544, 0554 0553 (with Bluetooth® option)
DVGW permit according to G 5952	Instrument class L up to volume = 200 litres
Leakage measurement	Measuring range: 0 to 10 l/h Accuracy: ±0.2 l/h or ±5% of m.v. Resolution: 0.1 l/h
Pressure measurement	Measuring range: 0 to 1000 hPa Accuracy: ±0.5 hPa or ±3% of m.v. Hysteresis: ≤ 0.2 mbar (0 to 300 mbar)
Pressure measurement with a high pressure probe (optional)	Measuring range: 0 to 25 bar Accuracy: ±0.6 % of fsv (0 to 10 bar) / ±0.6 % of fsv (>10 to 25 bar)
Absolute pressure measurement	Measuring range: 600 to 1150 hPa Accuracy: ±3 hPa
Overload	to 1200 hPa
Temperature measurement TC Type K (instrument only)	Measuring range: -40 to +600 °C Accuracy: ±0.5 °C or ±0.5%
Temperature measurement TC Type 5k (instrument only)	Measuring range: -20 to +100 °C
Weight	Basic set (0563 3240 70): 7.0 kg Professional set (0563 3240 71): 8.5 kg
Pipe volume calculation	Measuring range: max. 1200 I Accuracy: ±0.2 I or 5 % of m.v. (1 to 200 I)