

# Service pressure meter



Monitors flue draught limit

testo 312-1 is a complete service instrument for checking and adjusting gas flow pressure, flow/return temperature and test electrodes.

The measured data is printed by the infrared printer on location with date, time and alarm limits. TopSafe protects the instrument from dust, dirt and impact (optional).

- Automatic adjustment prior to measurement
- Switchable precision measuring ranges with high resolutions
- Quick data printouts on location
- Additional parameters



Data with set values, instrument number, date/time is printed on Testo printer

## testo 312-1

### With alarm

testo 312-1, comfort pressure meter for gas heating systems (hPa,  $\mu$ A, °C), DVGW approval, incl. alarm display, battery and calibration protocol

Part no. 0632 0312



Prints  
2 measuring ranges  
 $\pm 1.5\%$ /full-scale value



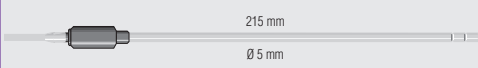

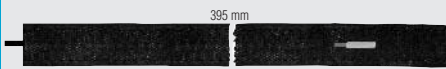
hPa

°C

 $\mu$ A

 $\Delta$ P

## Suitable probes at a glance

Description	Part no.
Pressure set with flue draught probe, includes 2 x silicone hoses each with $\varnothing$ 4mm and $\varnothing$ 6mm, 4mm and 6mm T-piece, connecting part	0554 3150
	
Cables for measuring ionisation current (2 off) incl. clamp testing tips, cable 1 m long	0554 0551
	
Pipe wrap probe with Velcro strip, for temperature measurement on pipes with diameter up to max. 120 mm, Tmax +120°C	0628 0020
	

## Recommended kit:

### The service set with printout on site



testo 312-1, comfort pressure gauge  
Cables for measuring ionisation current  
Pressure set  
Probe  
Testo printer  
TopSafe (indestructible protection case)  
Case (plastic)

## Ordering data for Accessories

Description	Part no.
9V rechargeable battery for instrument Instead of battery	0515 0025
Recharger for 9V rechargeable battery For external recharging of 0515 0025 battery	0554 0025
TopSafe (indestructible protection case), with bench stand Protects instrument from dirt and impact	0516 0443
Magnetic bench stand suitable for TopSafe 0516 0443 For positioning on boilers, for example	0554 0407
Testo printer with 1 roll of thermal paper and 4 AA size batteries Prints readings on location	0554 0545
Recharger for printer (with 4 standard rech. batt.) Rechargeable batteries are recharged externally	0554 0110
Case For secure storage of measuring instrument	0516 0191
Transport case (plastic) For transport and secure storage of measuring instrument and accessories	0516 3120

## Technical data

Meas. range	-40... +40 hPa	-200... +200 hPa	-40... +600 °C	-100... +100 $\mu$ A
Accuracy $\pm 1$ digit	$\pm 1.5\%$ of mv (+3... +40 hPa) $\pm 0.03$ hPa (0... +3 hPa)	$\pm 0.5$ hPa (0... +50 hPa) $\pm 2$ hPa (+50... +200 hPa)	$\pm 0.5\%$ of mv (+100... +600 °C) $\pm 0.5$ °C (0... +99.9 °C)	$\pm 3$ $\mu$ A (-100... +100 $\mu$ A)
Resolution	0.01 hPa (-40... +40 hPa)	0.1 hPa (-200... +200 hPa)	0.1 °C (-40... +600 °C)	1 $\mu$ A (-100... +100 $\mu$ A)
Overload	$\pm 1000$ hPa (-40... +40 hPa)	$\pm 1000$ hPa (-200... +200 hPa)		
Display	LCD, 2 lines	Dimensions	215x68x47 mm	
Material/Housing	ABS	Weight	300 g	
Printer	Testo printer	Warranty	2 years	
Oper. temp.	+5... +45 °C			
Storage temp.	-20... +70 °C			
Battery type	9V block battery			