



Electronic U-tube manometer



°C compensated

2 measurement ranges

hPa

mbar

mm
H2O

mm
Hg

in
H2O

psi

testo 506, the small and practical differential pressure meter with a switchable measurement range from 10/200 hPa/mbar, is ideal for tuning heating systems and burners (measures gas flow pressure and flue draught).

The built-in magnet or suspension eye in testo 506 makes it easy for the instrument to be attached to a burner leaving your hands free to carry out tuning work.

● **5 switchable units: hPa/mbar, mmH2O, mmHg, inH2O, psi**

● **Magnetic holder and suspension eye on the rear**

● **Soft rubber housing protection**

● **4/6 mm hose connections**



Switchable measurement range; gas flow pressure and flue draught measurement



Tunes heating systems and burners

testo 506

0 to 10/200 hPa/mbar

testo 506, differential pressure meter, 0 to 10/200 hPa/mbar, incl. connection hoses and battery

Part no. 0560 5063

Ordering data for Accessories

Part no.

Connection hose, silicone, 5m long Max. load 700 hPa (mbar)	0554 0440
Pressure connection hose, single, diameter: 4/6 mm, 50 cm long, without connection adapter	0554 0449
Pressure set with flue draught probe, includes 2 x silicone hoses each with Ø 4mm and Ø6mm, 4mm and 6mm T-piece, connecting part	0554 3150
ISO calibration certificate/Pressure Differential pressure; 5 points distributed over meas. range	0520 0005
ISO calibration certificate/Pressure Differential pressure; 3 points distributed over meas. range	0520 0095

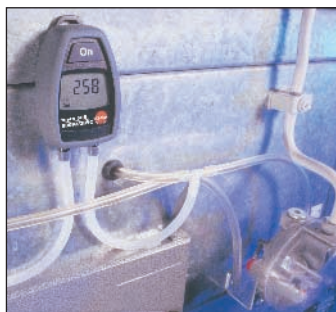
Instrument applications/testo 506

Applications/Instrument	506 (10)	506(500)	506(10/200)
Adjusting ventilators	X	X	X
Measuring negative/positive pressure in houses		X	
Adjustment of production units			
Air flow measurement		X	
Vehicle sector (e.g. central locking)			X
Filter monitoring	X	X	X
Fine draught measurement	X	X	X
Gas/Flow pressure			X
Monitoring pressure systems			
Negative/positive pressure measurement in production			
Barometric air pressure			
Vacuum measurement			

Technical data

Meas. range	0... +10 hPa	+10... +200 hPa
Accuracy ± 1 digit	±1.5% of f.v. (+1... +10 hPa) ±0.03 hPa (0... +1 hPa)	±(1 hPa ±1% of mv) (+10... +200 hPa)
Resolution	0.01 hPa	0.1 hPa
Overload	±300 hPa	
Oper. temp.	0... +40 °C	Dimensions 86x48x24 mm
Storage temp.	-20... +70 °C	Weight 55 g
Battery type	2 lithium batteries (CR 2032)	Warranty 2 years
Battery life	150 h	

Electronic U-tube manometer



Measures flue draught, monitors filters and checks ventilators

testo 506, the small, practical differential pressure meter with a measurement range from 0 to 10 hPa/mbar, for measuring flue draught, monitoring filters and checking ventilators.

- **5 switchable units: hPa/mbar, mmH2O, mmHg, inH2O, psi**
- **Magnetic holder and suspension eye on the back**

Ordering data for Accessories

Connection hose, silicone, 5m long
Max. load 700 hPa (mbar)

Part no. 0554 0440

Pressure set with flue draught probe, includes 2 x silicone hoses each with Ø 4mm and Ø6mm, 4mm and 6mm T-piece, connecting piece

Part no. 0554 3150

ISO calibration certificate/Pressure
Differential pressure; 5 points distributed over meas. range

Part no. 0520 0005

Technical data

Meas. range	0... +10 hPa
Accuracy	±1.5% of f.v. (+1... +10 hPa) ±0.03 hPa (0... +1 hPa)
Resolution	0.01 hPa
Overload	±345 hPa
Oper. temp.	0... +40 °C
Storage temp.	-20... +70 °C
Battery type	2 lithium batteries (CR 2032)
Battery life	150 h
Warranty	2 years



°C compensated

testo 506

0 to 10 hPa/mbar

testo 506, differential pressure meter, 0 to 10 hPa/mbar, incl. connection hoses and battery

Part no. 0560 5061

See opposite page for more Ordering data

hPa

mbar

 mm
H2O

 mm
Hg

 in
H2O

psi

Electronic U-tube manometer with air flow measurement



Measuring air flow with the Pitot tube

testo 506 (500 Pa) makes it possible to measure air flow using a Pitot tube. Even air density can be compensated. With its very high accuracy level, it is ideal for applications in air conditioning, ventilation and in clean rooms.

- **Integrated air flow measurement up to 27 m/s**
- **5 switchable units: Pa, mmH2O, mmHg, inH2O, psi**
- **Magnetic holder and suspension eye on the back**

Ordering data for Accessories

Connection hose, silicone, 5m long
Max. load 700 hPa (mbar)

Part no. 0554 0440

Pitot tube, 350 mm long, stainless steel, measures velocity speed

Part no. 0635 2145

Pressure set with flue draught probe, includes 2 x silicone hoses each with Ø 4mm and Ø6mm, 4mm and 6mm T-piece, connecting piece

Part no. 0554 3150

ISO calibration certificate/Pressure
Differential pressure; 5 points distributed over meas. range

Part no. 0520 0005

Technical data

Meas. range	0... +500 Pa
Accuracy	±2.5 Pa (0... +500 Pa) ±1 digit
Resolution	1 Pa
Overload	±2000 Pa
Oper. temp.	0... +40 °C
Storage temp.	-20... +70 °C
Battery type	2 lithium batteries (CR 2032)
Battery life	150 h
Warranty	2 years



°C compensated

±2.5 Pa accuracy

testo 506

0 to 500 Pa, m/s

testo 506, differential pressure meter, 0 to 500 Pa, incl. connection hoses and battery

Part no. 0560 5062

See opposite page for more Ordering data

Pa

 mm
H2O

 mm
Hg

 in
H2O

psi

m/s