Pocket-Sized Professional Measurement Technology
Measuring instruments for heating, air conditioning and ventilation

NEW!

Testo, the leading manufacturer of portable measurement technology, provides pocket-sized measuring instruments for fast and tough everyday use:

· Surface and penetration temperature
· Air temperature and infrared surface temperature
· Air humidity and temperature
· Duct humidity and temperature
· Material moisture, air humidity and temperature
· Differential pressure
· Absolute pressure
· rpm
· Light intensity
· Air flow velocity, temperature, humidity at outlets

Sensors which fulfil the highest demands, such as Testo's own patented humidity sensor, guarantee reliable and stable measurement results.

All instruments are very handy, small and easy to use. The backlit display and the Auto-Off function complete the instrument.

Great technology can be this small!

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testo 810

Air temperature and infrared surface temperature in one instrument

- IR measurement with 1-point laser measurement spot marking and 6:1 optics
- Air temperature measurement
- Display of differential temperature e.g. between window and air
- Hold function and max./min. values

Surface temperature

Measuring range:	-30 to 300 °C
Resolution:	0.1 °C
Accuracy:	±2.0 °C (-30 to +100 °C)
	±2% of m.v. (remaining range)
Optics:	6:1

Air temperature

Measuring range:	-10 to 50 °C
Resolution:	0.1 °C
Accuracy :	±0.5 °C
Units:	°C/°F
Oper. temp.:	-10 to 50 °C
Battery type:	Alkaline (2 x AAA)
Battery life:	50 h. (average, without display illumination)
Dimensions (incl. protective cap):	119 x 46 x 25 mm

Included in delivery:
Calibration protocol · Wrist strap
Belt holder · Protective cap · Batteries

Order no. 0560 0810

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testo 610

Air humidity and temperature

- Long-term drift-free Testo humidity sensor
- 2.5 %RH accuracy with calibration protocol
- Incl. dewpoint calculation and wet bulb
- Hold function and max./min. values

Temperature

Measuring range:	-10 to 50 °C
Resolution:	0.1 °C
Accuracy:	±0.5 °C
Units:	°C/°F

Humidity

Measuring range:	0 to100 %RH
Resolution:	0.1 %RH
Accuracy:	± 2.5 %RH (5 to 95 %RH)
Units:	%RH, wet bulb, dewpoint
Oper. temp.:	10 to 50 °C
Battery type:	Alkaline (2 x AAA)
Battery life:	200 h. (average, without display illumination)
Dimensions (incl. protective cap):	119 x 46 x 25 mm

Included in delivery:
Calibration protocol · Wrist strap
Belt holder · Protective cap · Batteries

Order no. 0560 0610

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testo 606-1/2

Material moisture, air humidity and temperature

- Precise measurement of wood moisture thanks to stored characteristics curves for e.g. beech, spruce, larch, oak, pine, maple
- Air temperature and humidity for monitoring drying processes
- Characteristics curves for cement screed, concrete, plaster, anhydrite screed, cement mortar, lime mortar, brick
- Hold function
- Auto-test function

Material moisture

Measuring range:	0 to 90%
Resolution:	0.1
Accuracy:	± 1% (conductivity)

Air humidity (606-2 only)

Measuring range:	0 to 100%RH
Resolution:	01%RH
Accuracy:	±2.5%RH (5 to 95%RH)
Units:	%RH, wet bulb, dewpoint

Air temperature (606-2 only)

Measuring range:	-10 to 50°C
Resolution:	0.1°C
Accuracy:	±0.5 °C
Units:	°C/°F
Oper. temp.:	-10 to 50 °C
Battery type:	Alkaline (2 x AAA)
Battery life:	606-1: 200 h. 606-2: 130 h. (average, without display illumination)
Dimensions (incl. protective cap):	119 x 46 x 25 mm

Included in delivery:
Calibration protocol · Wrist strap
Belt holder · Protective cap · Batteries

606-1: Order no. 0560 6060

606-2: Order no. 0560 6062

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testo 410-1/-2

Air flow velocity, temperature and humidity

- Integrated measurement with 40 mm vane
- Timed mean value calculation
- Hold function and min./max. values
- Windchill calculation for outdoor areas

Flow velocity

Measuring range:	0.4 to 20 m/s
Resolution:	0.1 m/s
Accuracy:	±(0.2 m/s + 2% of m.v.)
Units:	m/s, km/h, fpm, mph, knots, perceived temperature °C/°F (windchill), Beaufort

Temperature

Measuring range:	-10 to 50 °C
Resolution:	0.1 °C
Accuracy:	±0.5 °C
Units:	°C/°F

Humidity (testo 410-2 only)

Measuring range:	0 to100 %RH
Resolution:	0.1 %RH
Accuracy:	±2.5 %RH (5 to 95 %RH)
Units:	%RH, wet bulb, dewpoint
Oper. temp.:	-10 to 50 °C
Battery type:	Alkaline (2 x AAA)
Battery life:	testo 410-1: 100 h. testo 410-2: 60 h. (average, without display illumination)
Dimensions (incl. protective cap):	133 x 46 x 25 mm

Included in delivery:
Calibration protocol · Wrist strap
Belt holder · Protective cap · Batteries

410-1: Order no. 0560 4101

410-2: Order no. 0560 4102

testo 510

Differential pressure
0 to 100 hPa

- Possibility of display in Pascal over entire measuring range
- Temperature compensation
- Magnets on the rear allow free-hand work
- Flow velocity measurement with Pitot tube
- Air density compensation

Pressure

Measuring range:	0 to 100 hPa
Resolution:	0.1hPa
Accuracy:	± 0.03 hPa (0 to 0.30 hPa) ±0.05 hPa (0.31 to 1.00 hPa) ± (0.1 hPa +1.5% of m.v.) (1.01 hPa to 100 hPa)
Units:	hPa, mbar, Pa, mmH_2O, mmHg, inH_2O, inHg, psi, m/s, fpm
Oper. temp.:	0 to 50 °C
Battery type:	Alkaline (2 x AAA)
Battery life:	500 h. (average, without display illumination)
Dimensions (incl. protective cap):	119 x 46 x 25 mm

Included in delivery:
Calibration protocol · Wrist strap
Belt holder · Protective cap · Batteries

Order no. 0560 0510

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testo 511

Absolute pressure, barometric pressure, altitude

- Absolute pressure ±3 hPa
- Calculation of barometric air pressure
- Barometric altitude measurement

Pressure

Measuring range:	300 to 1,200 hPa
Resolution:	0.1 hPa
Accuracy:	±3.0 hPa
Units:	hPa, mbar, Pa, mmH_2O, mmHg, inH_2O, inHg, psi, m, ft
Oper. temp.:	0 to 50 °C
Battery type:	Alkaline (2 x AAA)
Battery life:	500 h. (average, without display illumination)
Dimensions (incl. protective cap):	119 x 46 x 25 mm

Included in delivery:
Calibration protocol · Wrist strap
Belt holder · Protective cap · Batteries

Order no. 0560 0511

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testo 460

rpm, optical

- Optical rpm measurement with LED measurement spot marking
- Max./min. values

rpm

Measuring range:	100 to 29,999 rpm
Resolution:	0.1 rpm (100 to 999.9 rpm) 1 rpm (1,000 to 29,999 rpm)
Accuracy:	±(0.02 % of m.v.) + 1 digit
Units:	rpm, rps
Oper. temp.:	0 to 50 °C
Battery type:	Alkaline (2 x AAA)
Battery life:	20 h (average, without display illumination)
Dimensions (incl. protective cap):	119 x 46 x 25 mm

Included in delivery:
Calibration protocol · Wrist strap
Belt holder · Protective cap · Batteries

Order no. 0560 0460

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testo 540

Light intensity

- Sensor is adjusted to the spectral sensitivity of the eye
- Hold function for easy measurement value readout
- Max./min. values

Light intensity

Measuring range:	0 to 99,999 Lux 1 Lux (0 to19,999 Lux) 10 Lux (20,000 to 99,999 Lux)
Accuracy:	± 3% (compared to reference)
Units:	Lux, Footcandle
Oper. temp.:	0 to 50 °C
Battery type:	Alkaline (2 x AAA)
Battery life:	20 h (average, without display illumination)
Dimensions (incl. protective cap):	133 x 46 x 25 mm

Included in delivery:
Calibration protocol · Wrist strap
Belt holder · Protective cap · Batteries

Order no. 0560 0540

· 50 YEARS OF TESTO
· More innovative than ever
· 50 innovations in the anniversary year

INNOVATION 2007

testo 905-T1

Immersion/penetration temperature

- Professional industrial sensor (thermocouple Type K)
- Fast reaction time
- Temperature measurement short-term up to 500 °C
- Easy readout of measurement values thanks to flexible joint

Temperature

Meas. range:	-50 to +350 °C short-term to +500 °C
Resolution:	0.1 °C
Accuracy:	±1 °C (-50 to +99.9 °C)
±1 digit	±1% of m.v. (remaining meas. range)
Oper. temp.:	0 to +40 °C
Storage temp.:	-20 to +70 °C
Battery life:	approx. 1000 h
Dimensions probe shaft:	Ø 3 mm, length 200 mm

Included in delivery:
Attachment clip · Batteries

Order no. 0560 9055

testo 905-T2

Surface temperature

- Sprung thermocouple measurement head with guaranteed fast reaction time
- High accuracy thanks to adaptation of measurement head even to rough surfaces
- Temperature measurement short-term up to 500 °C
- Easy readout of measurement values thanks to flexible joint

Temperature

Meas. range:	-50 to +350 °C short-term to +500 °C
Resolution:	0,1 °C
Accuracy:	±(1 °C +1% of m.v.)
±1 digit	
Oper. temp.:	0 to +40 °C
Storage temp.:	-20 to +70 °C
Battery life:	approx 1000 h
Dimensions probe shaft:	Ø 12 mm, length 150 mm

Included in delivery:
Attachment clip · Batteries

Order no. 0560 9056

testo 605-H1

Air humidity and temperature

- Air humidity and temperature, dewpoint
- Long-term stable Testo humidity sensor
- Ideal for measurements in ducts
- Easy readout of measurement values thanks to flexible joint

Air humidity and temperature

Meas. range:	+5 to +95 %RH 0 to +50 °C -20 to +50 °C td
Resolution:	0.1 %RH / 0.1 °C
Accuracy:	±3 %RH / ±0.5 °C
±1 digit	
Oper. temp.:	0 to +50 °C
Storage temp.:	-20 to +70 °C
Battery life:	approx 1000 h
Dimensions probe shaft:	Ø 12 mm, length 125 mm

Included in delivery:
Duct holder · Attachment clip · Batteries

Order no. 0560 6053

testo 405

Air flow velocity and temperature

- Thermal anemometer for the measurement of air flow velocity, volume flow and temperature
- Ideal for measurements in ducts
- Extendable telescope up to 30 cm
- Easy readout of measurement values thanks to flexible joint

Air flow velocity and temperature

Probe type thermal:	
Meas. range:	0 to 10 m/s 0 to +99990 m³/h
Resolution:	0.01 m/s
Accuracy:	±(0.1 m/s + 5% of m.v.)
±1 digit	(0 to +2 m/s) ±(0.3 m/s + 5% of m.v.) (remaining meas. range)
Probe type NTC:	
Meas. range:	-20 to +50 °C
Resolution:	0.1 °C
Accuracy:	±0.5 °C
±1 digit	
Oper. temp.:	0 to +50 °C
Storage temp.:	-20 to +70 °C
Battery life:	approx 20 h
Dimensions probe shaft:	Ø 16 mm, length 300 mm

Included in delivery:
Duct holder · Attachment clip · Batteries

Order no. 0560 4053

Pocket-sized professional measurement technology

Flow velocity measurement at a duct outlet with 40mm vane

Surface temperature measurement on a radiator

Monitoring air humidity in an air conditioning duct

Light intensity measurement at the workplace

Pocket-sized professional measurement technology