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

**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

**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, asphalt, screed, cement mortar, lime mortar, brick
- Hold function
- Auto-test function

**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

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

Order no. 0560 0610

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

Order no. 0560 6060

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

Order no. 0560 0662

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

Order no. 0560 4101

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

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:** 0.1 hPa
- **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, mmH₂O, mmHg, inH₂O, inHg, psi, m/s, fps
- **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

### testo 511
**Absolute pressure, barometric pressure, altitude**

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

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

#### Pressure
- **Measuring range:** 300 to 1,200 hPa
- **Resolution:** 0.1 hPa
- **Accuracy:** ±3.0 hPa
- **Units:** hPa, mbar, Pa, mmH₂O, mmHg, inH₂O, inHg, psi, m, ft
- **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 0511

### testo 460
**rpm, optical**

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

#### Pressure
- **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, fps
- **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

### testo 540
**Light intensity**

- Measuring range: 0 to 99,999 Lux
- 1 Lux (0 to 19,999 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
### 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 +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. (remaining meas. range)
- 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
- Resolution: 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)
  - 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

**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