Pocket-Sized Professional Measurement Technology

Measuring instruments for heating, air conditioning and ventilation

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

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

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

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

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

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

testo 605-H1

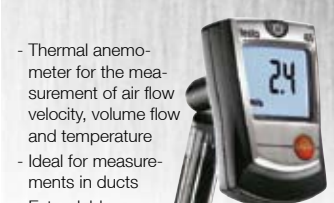### Air humidity and temperature

- 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

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.) (0 to +2 m/s) ±1 digit ±(0.3 m/s + 5% of m.v.) (remaining meas. range)
Probe type NTC:	
Meas. range:	-20 to +50 °C
Resolution:	0.1 °C
Oper. temp.:	0 to +50 °C

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

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

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

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

testo 608 H1/H2

Humidity, temperature and dewpoint

- Hygrometer measures humidity, temperature and dewpoint
- With dewpoint calculation td and Max/Min value display
- Humidity sensor not affected by condensation
- Easy readout of measurement value

Humidity, temperature and dewpoint

Meas. range:	+10 to +95 %RH 0 to +50 °C -20 to +50 °C td
Resolution:	0.1 %RH / 0.1 °C
Accuracy: ±1 digit	±3 %RH (+10 to +95 %RH) ±0.5 °C (at +25 °C)
Oper. temp.:	0 to +50 °C

testo 608 H2

Humidity, temperature and dewpoint with led alarm

- Hygrometer measures humidity, temperature and dewpoint
- With dewpoint calculation td and Max/Min value display
- Humidity sensor not affected by condensation
- Easy readout of measurement value

Humidity, temperature and dewpoint

Meas. range:	+2 to +98 %RH -10 to +70 °C -40 to +70 °C td
Resolution:	0.1 %RH / 0.1 °C
Accuracy: ±1 digit	±2 %RH (+2 to +98 %RH) ±0.5 °C (at +25 °C)
Oper. temp.:	-10 to +70 °C

testo 830 T-1

IR temperature thermometer

- The fast-action infrared thermometer with 1-point laser sighting
- 10:1 optics
- 1-point laser sighting
- Displays current value and hold value
- Emissivity adjustable 0.2 to 1.0
- Audible and optical alarm if limit values are exceeded

IR temperature

Meas. range:	-30 to +400 °C
Resolution:	0.5 °C
Accuracy: ±1 digit	±1.5 °C or 1.5 % of mv (+0.1 to +400 °C) ±2 °C or ±2 % of mv (-30 to 0 °C) at +23 °C ambient temperature
Oper. temp.	-20 to +50 °C

testo 174

Temperature datalogger

- Mini temperature data logger
- Secure Data - even if battery is spent
- Current reading is shown on large display
- Data upload to PC or notebook via interface (optional)
- Fast data transfer
- Data is read out from memory in 10 s.

Mini temperature data logger,

Meas. range:	-30 to +70 °C
Resolution:	0.1 °C
Accuracy: ±1 digit	±0.5 °C (-20 to +39.9 °C) ±0.8 °C (remaining range)
Oper. temp.:	-30... +70 °C

Fax order form

Fax us your enquiry: +91 20 2585 0080   Please fill in your details

Select	Instrument	Order no.
☐	testo 810	0560 0810
☐	testo 610	0560 0610
☐	testo 606-1	0560 6060
☐	testo 606-2	0560 6062
☐	testo 510	0560 0510
☐	testo 511	0560 0511
☐	testo 460	0560 0460
☐	testo 540	0560 0540
☐	testo 410-1	0560 4101
☐	testo 410-2	0560 4102
☐	testo 905-T1	0560 9055
☐	testo 905-T2	0560 9056
☐	testo 605-H1	0560 6053
☐	testo 405	0560 4053
☐	testo 608 H1	0560 6081
☐	testo 608 H2	0560 6082
☐	testo 174	0563 1741
☐	testo 830	0560 8301
☐	testo 608 H1	0560 6081
☐	testo 608 H2	0560 6082

First and last name:

Designation:

Company:

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Postal code, city:

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