



testo 905: Digital Thermometer

Testo's temperature sticks are fast, accurate mini-thermometers. 905-T1 is an exceptional penetration or immersion probe. The spring-loaded head of 905-T2 surface probe works on smooth and uneven surfaces.

FEATURES:

- Highly accurate measurements
- Fast response

TECHNICAL DATA:

Temperature

Range: -58...+662°F
short-term to +932°F

Resolution: 0.1°F

Accuracy (T1): ± 1.8°F
(-58...+210°F)
± 1% of rdg.
(remaining range)

Accuracy (T2): ± (1.8°F
± 1% of rdg.)
(-58...+932°F)

Units: °C / °F

Operating temp.:

31 to +104°F

Batteries: (3 x AAA Alkaline)

Battery life: 1000h

Dimensions: (T1)

Display: 1.5 x 1.4 x 1 in.

Probe: 0.125 x 7.75 in.

Dimensions: (T2)

Display: 1.5 x 1.4 x 1 in.

Probe: 0.5 x 6 in.

Ordering Information

0560 9055 (905-T1)

0560 9056 (905-T2)



testo 405-V1: Thermo-Anemometer

Testo's velocity stick is an economical way to get highly accurate hot-wire velocity measurements (metric units m/s only). The mini-anemometer also provides temperature and allows entry of duct cross-sectional areas for volumetric flow rates (metric units only).

FEATURES:

- Telescopic probe extendible up to 11.8 inches
- Provides temperature measurement

TECHNICAL DATA:

Velocity

Range: 0-10m/s

Resolution: 0.01 m/s

Accuracy: ± (0.1m/s ± 5%
of rdg.)
(0...+2m/s)
± (0.3m/s ±5%
of rdg.)
(+2.1...+10 m/s)

Temperature

Range: -20...+50°C

Resolution: 0.1°C

Accuracy: ±0.5°C

Operating temp.:

0-50°C

Batteries: (3 x AAA Alkaline)

Battery life: 20h

Dimensions:

Display: 1.5 x 1.4 x 1 in.

Probe: 0.75 x 11.8 in.

Ordering Information

0560 4053 (405-V1)



testo 605: Digital Psychrometer

Testo's humidity sticks are rugged, providing fast and accurate humidity, temperature wetbulb (-H2) and dewpoint (-H1) readings. The 1/2-inch probe head fits conveniently in a duct or is useful to test indoor and outdoor ambient spaces.

FEATURES:

- Highly accurate measurements
- Long-term stable humidity sensor

TECHNICAL DATA:

Humidity

Range:	0 to 100 %rH
Resolution:	0.1 %rH
Accuracy:	± 3 %rH (5 to 95 %rH)
Units:	%rH wet bulb (605-2) dewpoint (605-1)

Temperature

Range:	32 to +122°F
Resolution:	0.2°F
Accuracy:	± 0.9°F
Units:	°C / °F

Operating

temp.:	32 to +122°F
Batteries	(3 x AAA Alkaline)
Battery life:	1000h
Dimensions:	
Display:	1.5 x 1.4 x 1 in.
Probe:	
length/diam.:	6 in./0.5 in.

Ordering Information

0560 6053	(605-H1)
0560 6054	(605-H2)



testo 410: Vane Anemometer

A handy tool to check then balance airflows to eliminate air stratification and drafts and to determine if IAQ falls within acceptable comfort guidelines.

- FEATURES:**
- Integrated 1.25" vane
 - Timed average calculation
 - HOLD/MAX/MIN

TECHNICAL DATA:

Velocity

Range: 80 to 4000 fpm
 Resolution: 1 fpm
 Accuracy: ± (40 fpm + 2% of rdg.)

Units: m/s, km/h, fpm, mph, knots, windchill (°C/°F), Beaufort

Temperature

Range: 14 to 122 °F
 Resolution: 0.1 °F
 Accuracy: ± 0.9 °F
 Units: °C/°F

Humidity (testo 410-2 only)

Range: 0 to 100 %rH
 Resolution: 0.1 %rH
 Accuracy: ± 2.5 %rH (5 to 95 %rH)

Units: %rH, wet bulb, dewpoint

Operating temp.: 14 to 122 °F
Batteries: (2 x AAA Alkaline)
Battery Life: (without backlight)
testo 410-1: 100 hrs.
testo 410-2: 60 hrs.
Dimensions: 5.2 x 1.8 x 1 in.

Ordering Information

0560 4101 (410-1)
 0560 4102 (410-2)



testo 610: ThermoHygrometer

Perform IAQ analysis to resolve comfort complaints (T/H). Use web bulb, dry bulb and relative humidity to evaluate humidity control and equipment sizing concerns.

- FEATURES:**
- Highly accurate measurements
 - Long-term stable humidity sensor
 - Provides dewpoint and wet bulb
 - HOLD/MAX/MIN

TECHNICAL DATA:

Temperature

Range: 14 to 122 °F
 Resolution: 0.1 °F
 Accuracy: ± 0.9 °F
 Units: °C/°F

Humidity

Range: 0 to 100 %rH
 Resolution: 0.1 %rH
 Accuracy: ± 2.5 %rH (5 to 95 %rH)

Units: %rH, wet bulb, dewpoint

Operating temp.:

14 to 122 °F
 (2 x AAA Alkaline)
Battery life: 200 hrs. (without backlight)

Dimensions: 4.5 x 1.8 x 1 in.

Ordering Information

0560 0610



testo 460: RPM Meter

Verify fan and motor speeds with manufacturers' data to determine and optimize airflow.

- FEATURES:**
- Optical RPM measurement with LED sighting
 - MAX/MIN function

TECHNICAL DATA:

RPM

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 rdg + 1 digit)

Units: RPM, rps

Measuring rate:

0.5 sec.

Operating temp.:

32 to 120 °F
Batteries: (2 x AAA Alkaline)
Battery Life: 20 hrs. (without backlight)

Dimensions: 4.5 x 1.8 x 1 in.

Ordering Information

0560 0460



testo 606: Moisture Meter

Monitor material moisture to predict drying times, ensure construction best practices and test for water damage. Meter is programmed with characteristics for wood and other building materials.

- FEATURES:**
- Characteristics curves for cement, concrete, plaster, anhydrite screed, lime, mortar, brick
 - Self-test function

TECHNICAL DATA:

Material moisture

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

Air humidity (606-2 only)

Range: 0 to 100%rH
 Resolution: 0.1%rH
 Accuracy: ± 2.5%rH (5 to 95%rH)

Units: %rH, wet bulb, dewpoint

Air temperature (606-2 only)

Range: 14 to 122 °F
 Resolution: 0.1 °F
 Accuracy: ± 0.9 °F
 Units: °C/°F

Measuring rate:

0.5 sec.

Operating temp.:

14 to 122 °F
Battery (2 x AAA Alkaline)

Battery life:

(without backlight)
606-1: 200 hrs.
606-2: 130 hrs.
Dimensions: 4.5 x 1.8 x 1 in.

Ordering Information

0560 6060 (606-1)
 0560 6062 (606-2)



testo 510: Digital Manometer

Perform system diagnostic tests with a single meter including total external static pressure (TESP), differential pressure duct velocities and manifold pressures.

- FEATURES:**
- High accuracy
 - Very stable sensor
 - Magnetic back for hands-free use
 - Pitot tube for air flow (optional)

TECHNICAL DATA:

Pressure

Range: ± 40" H₂O
 Resolution: 0.01" H₂O
 Accuracy: ± 0.01" H₂O (0 to 0.12" H₂O)
 ± 0.02" H₂O (0.13 to 0.4" H₂O)
 ± (0.04" H₂O + 1.5% of rdg.)
 (0.41" H₂O to 40" H₂O)

Units: hPa, mbar, Pa, mmH₂O, mmHg, inH₂O, inHg, psi

Air velocity

Units: m/s, fpm (w/opt. pitot tube)

Operating temp.:

32 to 122 °F
Batteries: (2 x AAA Alkaline)
Battery life: 50 hrs. (without backlight)

Dimensions: 4.5 x 1.8 x 1 in.

Ordering Information

0560 0510



testo 810: Two-in-One IR Temp. Meter

Measure temperature differences between air and walls or windows to pinpoint potential heat loss/gain areas. Safely perform non-contact temperature measurement of pipes or motors.

- FEATURES:**
- IR measurement with 6:1 optics
 - 1-point laser sighting
 - Air temperature measurement
 - Displays differential temperature
 - HOLD/MAX/MIN

TECHNICAL DATA:

Surface temperature (IR)

Range: 22 to 572 °F
 Resolution: 0.1 °F
 Accuracy: ± 3.6 °F (-22 to +212 °F)
 ± 2% of rdg.
 + 1 digit (remaining range)

Optics:

6:1

Air temperature

Range: 14 to 122 °F
 Resolution: 0.1 °F
 Accuracy: ± 0.9 °F
 Units: °C/°F

Operating temp.:

14 to 122 °F
Battery (2 x AAA Alkaline)
Battery life: 50 hrs. (without backlight)

Dimensions: 4.5 x 1.8 x 1 in.

Ordering Information

0560 0810



testo 511: Absolute Pressure Meter

Perform pressurization risk assessments for combustion air zones as well as room-to-room pressurization tests without running a reference hose.

- FEATURES:**
- Measures absolute pressure
 - Calculates barometric pressure and change in altitude
 - Highly accurate

TECHNICAL DATA:

Pressure

Range: 8.86 inHg to 35.44 inHg
 Resolution: 0.001 inHg
 Accuracy: 0.09 inHg

Units: hPa, mbar, Pa, mmH₂O, mmHg, inH₂O, inHg, psi,

Measuring rate:

0.5 sec.

Altitude:

(calculated)

Units:

m, ft

Operating temp.:

32 to 122 °F
Batteries: (2 x AAA Alkaline)
Battery Life: 200 hrs. (without backlight)

Dimensions: 4.5 x 1.8 x 1 in.

Ordering Information

0560 0511



testo 540: Light Meter

Measure light intensity to address comfort and fatigue concerns which affect productivity and safety. Use for lighting codes/standards evaluation and enforcement.

- FEATURES:**
- As sensitive to light as your eye
 - HOLD/MAX/MIN

TECHNICAL DATA:

Light Intensity

Range: 0 to 99,999 Lux
 0 to 9,999 fc
 Resolution: 1 Lux (0...19,999 Lux)
 10 Lux (rest of range)
 0.1 fc
 Accuracy: ± 3 Lux (± 0.3 fc) (compared to reference)

Units: Lux, Footcandle

Operating temp.:

32 to 122 °F
Batteries: (2 x AAA Alkaline)

Battery life:

200 hrs. (without backlight)

Dimensions: 5.2 x 1.8 x 1 in.

Ordering Information

0560 0540