

| Humidity probes | Illustration | Meas. range | Accuracy | t99 | Part no. |
|--|---|--|--|-------|--|
| Standard ambient air probe up to +70°C |  | 0 to +100 %RH -20 to +70 °C | ±2 %RH (+2 to +98 %RH) ±0.4 °C (-10 to +50 °C) ±0.5 °C (remaining range) | 12 s | 0636 9740 Conn.: Plug-in head, connection cable 0430 0143 or 0430 0145 required |
| Highly accurate reference humidity/temp. probe incl. cal. cert. |  | 0 to +100 %RH -20 to +70 °C | * ±1 %RH (+10 to +90 %RH)* ±2 %RH (remaining range) ±0.2 °C (+10 to +40 °C) ±0.4 °C (remaining range) | 12 s | 0636 9741 Conn.: Plug-in head, connection cable 0430 0143 or 0430 0145 required |
| Robust humidity probe e.g. for measuring equilibrium moisture or for measurements in exhaust ducts to +120°C |  | 0 to +100 %RH -20 to +120 °C | ±2 %RH (+2 to +98 %RH) ±0.4 °C (-10 to +50 °C) ±0.5 °C (remaining range) | 30 s | 0636 2140 Conn.: Plug-in head, connection cable 0430 0143 or 0430 0145 required |
| aw value set; pressure-tight precision humidity probe with certificate, measurement chamber and 5 sample bowls (plastic) |  | 0 to +1 aW 0 to +100 %RH -20 to +70 °C | * ±0.01 aW (+0.1 to +0.9 aW) ±0.02 aW (+0.9 to +1 aW) ±0.4 °C (-10 to +50 °C) ±0.5 °C (remaining range) | | 0628 0024 Reproducibility of aw value ±0.003 |
| Precision pressure dew point probe for measurements in compressed air systems incl. cert. with test point -40°C tpd |  | 0 to +100 %RH -60 to +50 °C tpd | ±0.8 °C tpd (-4.9 to +50 °C tpd) ±1 °C tpd (-9.9 to -5 °C tpd) ±2 °C tpd (-19.9 to -10 °C tpd) ±3 °C tpd (-29.9 to -20 °C tpd) ±4 °C tpd (-40 to -30 °C tpd) | 300 s | 0636 9841 Conn.: Plug-in head, connection cable 0430 0143 or 0430 0145 required |

| Accessories Ordering data | Part no. |
|--|-----------|
| Cable, 1.5 m long, connects probe with plug-in head to meas. instrument, PUR coating material | 0430 0143 |
| Cable, 5 m long, connects probe with plug-in head to measuring instrument, PUR coating material | 0430 0145 |
| testo saline pots for control and humidity adjustment of humidity probes, 11.3 %RH and 75.3 %RH with adapter for humidity probe, quick checks or calibration of humidity probe | 0554 0660 |
| Teflon sintered filter, Ø 21 mm, for corrosive substances, high humidity range (long-term measurements), high velocities | 0554 0666 |
| Teflon sintered filter, Ø 12 mm, for corrosive substances, high humidity range (long-term measurements), high velocities | 0554 0756 |
| Stainless steel sintered cap, Ø 21 mm, can be screwed onto humidity probe, protection in case of high mechanical load and high velocities | 0554 0640 |
| Stainless steel sintered cap, Ø 12 mm, is screwed onto humidity probe, for measurements at high flow velocities or in contaminated air | 0554 0647 |

You will find more information in the "Measurement solutions for climate applications in industry" brochure and at www.testo.com.

* in the temperature range from +15°C to +30°C

Measuring production conditions - flexibly and easily

testo 605-H1

The thermo-hygrograph you can bend. Small, compact and accurate. The long-term stable sensor guarantees correct measurement even after years.

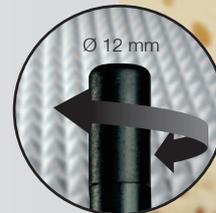
- Dewpoint calculation from -20 to +50 °Ctd
- Long-term stable Testo humidity sensor
- Ideal for measurements in ducts
- Easy readout of readings due to rotatable display

testo 605-H1

testo 605-H1: thermohygrometer with duct holder, incl. attachment clip and battery

Part no. 0560 6053

Sensor protection due to rotatable protective cap, probe shaft 125 mm long



With flexible joint

Monitoring production conditions in cheese production

| Technical data | | | |
|-------------------|--|---------------|----------------|
| Meas. range | +5 to +95 %RH 0 to +50 °C -20 to +50 °C td | | |
| Accuracy ±1 digit | ±3 %RH / ±0.5 °C | | |
| Resolution | 0.1 %RH / 0.1 °C | Battery life | Approx. 1000 h |
| Oper. temp. | 0 to +50 °C | Storage temp. | -20 to +70 °C |

| Accessories Ordering data | Part no. |
|---|-----------|
| ISO calibration certificate/humidity, Calibration point 75.3%RH at +25°C | 0520 0096 |
| ISO calibration certificate humidity, Calibration points 11.3 %RH and 75.3 %RH at +25°C | 0520 0006 |

