

Humidity/temperature measuring instrument

testo 625 – Long-term stable and compact

Display of temperature and relative humidity / Wet Bulb temperature / dewpoint

Min./max. values

Hold-button for fixing measurement value

Display illumination

Auto-off function

TopSafe, protection of instrument against dirt and impact



%RH

°C

The testo 625 is a compact instrument with an integrated humidity probe head for the measurement of air humidity and temperature. The large two-line display quickly and reliably shows humidity, Wet Bulb temperature or dewpoint, as well as temperature.

For measurements in difficult-to-access places, the humidity probe head can simply be removed and plugged onto the handle with a probe cable (accessory); alternatively, the measurement values can be transferred wirelessly from the probe to the measuring instrument over large distances. For this purpose, the humidity probe head is plugged onto the wireless handle (accessory), and the testo 625 is equipped with the radio module (accessory).

Humidity/temperature measuring instrument

testo 625

testo 625 humidity/temperature measuring instrument incl. plug-in humidity probe head, battery and calibration protocol

Part no. 0563 6251



General technical data

| | |
|-----------------------|--------------------------------|
| Storage temperature | -40 to +70 °C |
| Operating temperature | -20 to +50 °C |
| Battery type | 9V block battery, 6F22 |
| Battery life | 70 h (without radio operation) |
| Weight | 195 g |
| Dimensions | 182 x 64 x 40 mm |
| Housing material | ABS |

Sensor types

| | Testo humid. sensor, cap. | NTC | Type K (NiCr-Ni) (Radio probes) |
|-------------------|---------------------------|---------------|------------------------------------|
| Measuring range | 0 to +100 %RH | -10 to +60 °C | -200 to +1370 °C |
| Accuracy ±1 digit | ±2.5 %RH (+5 to +95 %RH) | ±0.5 °C | See probe data |
| | 0.1 %RH | 0.1 °C | 0.1 °C |



Moisture probe head via handle with probe wire



testo 625 with radio handle and radio module




testo 625 with attached probe head

Accessories

| Accessories for measuring instrument | Part no. | |
|---|-----------|--|
| Handle for plug-in humidity probe head for connection to testo 625, probe cable included (length 120 cm) | 0430 9725 | |
| Case for measuring instrument and probes | 0516 0191 | |
| Service case for measuring instrument and probe, dimensions 454 x 316 x 111 mm | 0516 1201 | |
| TopSafe, protects from impact and dirt | 0516 0221 | |
| Control and adjustment set for Testo humidity probes, salt solution with 11.3% RH and 75.3% RH, incl. adapter for Testo humidity probes | 0554 0660 | |
| Lithium battery button cell | 0515 5028 | |
| 9V rech. battery for instrument, instead of battery | 0515 0025 | |

| Calibration Certificates | | |
|---|-----------|--|
| ISO calibration certificate humidity, Calibration points 11.3 %RH and 75.3 %RH at +25 °C | 0520 0006 | |
| ISO calibration certificate/humidity, saturated saline solutions: calibration point 11.3%RH | 0520 0013 | |
| ISO calibration certificate/humidity, saturated saline solutions, calibration point 75.3%RH | 0520 0083 | |
| DAkkS calibration certificate/humidity, electronic hygrometers; calibration points 11.3%RH and 75.3%RH at +25°C | 0520 0206 | |

| Radio module for upgrading measuring instrument with radio option | | |
|---|-----------|--|
| Radio module for measuring instrument, 869.85 MHz, approval for the countries: DE, FR, UK, BE, NL, ES, IT, SE, AT, DK, FI, HU, CZ, PL, GR, CH, PT, SI, MT, CY, SK, LU, EE, LT, IE, LV, NO | 0554 0188 | |
| Radio module for measuring instrument, 915.00 MHz FSK, approval for USA, CA, CL | 0554 0190 | |

| Radio handle for attachable humidity probe head (humidity probe head included in delivery of testo 625) | | |
|---|--|--|
| Radio handle for plug-in probe heads, incl. T/C adapter, approval for the countries: DE, FR, UK, BE, NL, ES, IT, SE, AT, DK, FI, HU, CZ, PL, GR, CH, PT, SI, MT, CY, SK, LU, EE, LT, IE, LV, NO; Radio freq. 869.85 MHz FSK |  | |
| | | |
| Radio handle for plug-in probe heads, incl. T/C adapter, approval for USA, CA, CL; Radio freq. 915.00 MHz FSK | 0554 0189 | |
| | 0554 0191 | |

| Technical data Radio handle | |
|-----------------------------|--|
| Battery type | 2 AAA micro batteries |
| Battery life | 215 h (meas. rate 0.5 s) 6 months (meas. rate 10 s) |
| Measuring rate | 0.5 s or 10 s, adjustable on handle |
| Radio coverage | Up to 20 m (without obstructions) |
| Radio transmission | Unidirectional |
| Operating temperature | -20 to +50 °C |
| Storage temperature | -40 to +70 °C |

