

Thermal hygrometer operated with smartphone

testo 605i

Compact professional measuring instrument from the Testo Smart Probes series, for use with smartphones/tablets

Measurement of air humidity and temperature
in rooms and ducts

Automatic calculation of dewpoint and wet bulb temperature
via testo Smart Probes App

Measurement data analyzed and sent
via testo Smart Probes App

Space-saving and easy to transport



Bluetooth
+ App

testo Smart Probes App
for free download




The compact humidity measuring instrument testo 605i, in combination with a smartphone or tablet, is suitable for the measurement of air temperature and relative humidity in rooms and ducts. Together with the thermal anemometer testo 405i, cooling and heating performance can also be determined.

Users can read off their measurement values comfortably in the testo Smart Probes App installed on the end device. The App also enables the automatic determination of dewpoint and wet bulb temperature. All measurement data are presented either as a diagram or in tabular form. The measurement protocols can then be directly sent as PDF or Excel files.


Technical data/accessories

testo 605i

testo 605i, thermal hygrometer operated with smartphone, incl. batteries and calibration protocol



Order no. 0560 1605



testo Smart Probes App

The App turns your smartphone/tablet into the display of the testo 605i. The operation of the measuring instrument as well as the display of the measurement values take place by Bluetooth via the Testo Smart Probes App on your smartphone or tablet – independently of the measurement location. In addition to this, you can use the App to create measurement reports, add photos and comments to these, and send them by e-mail. For iOS and Android.

Sensor type	Humidity – capacitive
Measuring range	0 to 100 %RH
Accuracy ±1 digit	±(1.8 %RH 3 % of m.v.) at +25 °C (5 to 80 %RH)
Resolution	0.1 % RH

Sensor type	NTC
Measuring range	-20 to +60 °C
Accuracy ±1 digit	±0.8 °C (-20 to 0 °C) ±0.5 °C (0 to +60 °C)
Resolution	0.1 °C

General technical data	
Compatibility	requires iOS 8.3 or newer / Android 4.3 or newer requires mobile end device with Bluetooth 4.0
Storage temperature	-20 to +60 °C
Operating temperature	-20 to +50 °C
Battery type	3 micro batteries AAA
Battery life	150 hrs
Dimensions	243 x 30 x 24 mm 100 mm probe shaft
Warranty	2 years

Accessories	Order no.
testo Smart Case (VAC) for the storage and transport of testo 405i, testo 410i, testo 510i, testo 605i, testo 805i and testo 905i, dimensions 270 x 190 x 60 mm	0516 0260
ISO calibration certificate humidity, calibration points 11.3 %RH and 75.3 %RH at +25°C	0520 0006
ISO calibration certificate humidity, calibration point 75.3 %RH at +25°C	0520 0096

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Subject to change, including technical modifications, without notice.

