

Humidity/temperature measuring instrument

smart testo 625 – Long-term
stable and compact

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

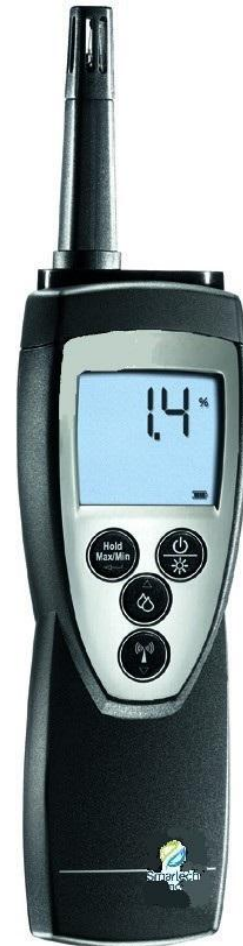
Min./max. values

Hold-button for fixing measurement value

Display illumination

Auto-off function

TopSafe, protection of instrument against dirt and impact



%RH

°C

The smart 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 smart testo 625 is equipped with the radio module (accessory).

Humidity/temperature measuring instrument

smart testo 625

smart 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
Warranty	2 years

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



smart testo 625 with radio handle and radio module



smart testo 625 with attached probe head

Accessories

Accessories for measuring instrument	Part no.
Handle for plug-in humidity probe head for connection to smart testo 625, probe cable included (length 120 cm)	0430 9725
Case for measuring instrument and probes	0516 0210
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 smart testo humidity probes, salt solution with 11.3% RH and 75.3% RH, incl. adapter for smart testo humidity probes	0554 0660
Lithium battery button cell	0515 5028
9V rech. battery for instrument, instead of battery	0515 0025
Recharger for 9V rechargeable battery, for external recharging of 0515 0025 battery	0554 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	0554 0189
Radio handle for plug-in probe heads, incl. T/C adapter, approval for USA, CA, CL; Radio freq. 915.00 MHz FSK	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

