

Temperature/humidity measuring instrument

testo 623 - Ambient climate measurement with history function

Analysis of past temperature and humidity measurement values directly on site

Histogram shows measurement values of last 90 days

All important values at a glance

Large, easily legible display



The temperature and humidity measuring instrument testo 623 shows current and past temperature and humidity values as well as date and time, simultaneously in a large, clear display. This way, you have all important values constantly in view.

The displayed curve analysis offers optimum evaluation of the measurement results of the past 90 days. The testo 623 is thus ideal for fast on-site checks of ambient conditions without complicated analysis on a PC.


Thanks to the long-term stable sensor, the measuring instrument provides reliable and correct measurement results even after years. The hanging and standing bracket allows flexible positioning of the instrument on a table or wall.

Technical data / Accessories

testo 623

testo 623 hygrometer with history function of measurement values, calibration protocol, batteries and attachment material included

Part no. 0560 6230



General technical data

Measuring rate	20 s
Storage temperature	-20 to +60 °C
Operating temperature	-10 to +60 °C
Battery life	12 months
Weight	240 g
Dimensions	185 x 105 x 36 mm

Sensor types

	NTC	Testo humid. sensor, cap.
Measuring range	-10 to +60 °C	0 to 100 %RH*
Accuracy ±1 digit	±0.4 °C	±2 %RH** at +25 °C (10 to 90 %RH) ±3 %RH** (remaining range)
Resolution	0.1 °C	0.1 %RH

* Not for condensing atmospheres. For continuous use in high humidity (>80 %RH at ≤30 °C for >12 h, >60 %RH at >30 °C for >12 h), please contact us via our website.

** Please see the additional accuracy information for humidity in the instruction manual.

Accessories for measuring instrument

Part no.

ISO calibration certificate humidity, calibration points 11.3 %RH and 75.3 %RH at +25 °C/+77 °F; per channel/instrument	0520 0076	
DAkkS calibration certificate humidity	0520 0246	

Temp | Humidity | Pressure | Differential Pressure | Vacuum | Gases | Particle | Air Flow
Moisture | Dissolved Oxygen | Radiation | Air Quality | Light / Lux | Distance | Vibration

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