

Humidity generator

Huminator – For mobile humidity calibration

For mobile VAC calibration

Individually programmable

Easy operation

LCD display

High adjustment speed

RS232 interface



°C

%RH

The Huminator is one of the smallest climate chambers available on the market, and therefore one of the most suitable for mobile as well as stationary applications. Humidity readings in the range from 5 to 95%RH can be determined quickly and efficiently stabilised. The built-in temperature control function generates temperatures in the range from 15° to 40°C.

Using an appropriate reference, it is possible to carry out fast and easy humidity calibrations on the measuring instruments, probes and data loggers from Testo and other manufacturers.

The desk-top instrument is ideally suitable for testing the performance of all types of material, electronic components and instruments under special climatic conditions. The timed programming function facilitates extensive automation of test runs and calibrations, since up to 3 humidity/temperature readings can be activated one after the other. The duration can be defined by the user.

Technical data / Accessories

Huminator

Huminator with Testo sensor incl.
15 probe adapters (5 of each:
12mm, 21mm, flexible)

Part no. 0519 0801



General technical data

Power supply	85 to 264 VAC, 47 to 63 Hz
Dimensions	350 x 470 x 200 mm
Meas. chamber dimensions	Diameter: approx. 147 mm Probe imm. depth: app. 170 mm
Weight	14.5 kg
Connection	RS232 interface
Display	LCD graphics display

Sensor types

	NTC	Testo humid. sensor, cap.
Meas. range	+15 to +40 °C	+5 to +95 %RH
Accuracy ±1 digit	0.5 °C (10 to 85 %RH at 25 °C)	2 %RH (10 to 85 %RH at 25 °C)
Stability	0.2 °C (10 to 85 %RH at 25 °C)	1 %RH (10 to 85 %RH at 25 °C)

Accessories

Part no.

Mains unit 230 V / 8V / 1 A, for instrument (European plug); for mains operation and battery recharging	0554 1084	
Highly accurate reference humidity/temp. probe; Plug-in head, connection cable 0430 0143 or 0430 0145 required	0636 9741	
Cable, 1.5 m long, connects probe with plug-in head to meas. instrument; PUR coating material	0430 0143	
Case for Huminator	0519 0820	
DAkkS calibration certificate/humidity, electronic hygrometers; calibration points 11.3%RH and 75.3%RH at +25°C	0520 0206	

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Subject to change without notice.