

Huminator

Huminator, accurate humidity generator for climate calibrations

The Huminator is one of the smallest and therefore one of the most suitable climate chambers available on the market 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 time for this can be defined by the user.

- ◆ Can be programmed individually
- ◆ User-friendly
- ◆ LCD display
- ◆ High adjustment speed
- ◆ RS232 interface



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

Part no.
0519 0801

Accessories	Part no.
Additional Accessories and Spare Parts	
testo 650, reference humidity meas. instr., readings memory included (up to 500,000 readings), battery, Li cell and calibration protocol	0563 6501
2 channel humidity and temperature meas. instrument with aw value measurement, pressure measurement with option of connecting pressure probes, CO, CO ₂ , rpm, mV/mA transmitters	
Mains unit 230 V/ 8 V/ 1 A, for instrument (European plug) for mains operation and battery recharging	0554 1084
Highly accurate reference humidity/temp. probe incl. cal. cert. 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
Calibration Certificates	
DKD calibration certificate/humidity electronic hygrometers; calibration points 11.3%RH and 75.3%RH at +25°C	0520 0206

Recommended Set
Huminator Kit
- Huminator with Testo sensor incl. 15 probe adapters (5 of each: 12mm, 21mm, flexible) (Part no. 0519 0801)
- testo 650, reference humidity meas. instr., readings memory included (up to 500,000 readings), battery, Li cell and calibration protocol (Part no. 0563 6501)
- Mains unit 230 V/ 8 V/ 1 A, for instrument (European plug) (Part no. 0554 1084)
- Highly accurate reference humidity/temp. probe incl. cal. cert. (Part no. 0636 9741)
- Cable, 1.5 m long, connects probe with plug-in head to meas. instrument (Part no. 0430 0143)
- DKD calibration certificate/humidity (Part no. 0520 0206)

Technical data			
Meas. range	+15 to +40 °C +5 to +95 %RH	Meas. chamber dimensions	Diameter: approx. 147 mm Probe imm. depth: app. 170 mm
Accuracy	0.5 °C (10 to 85 %RH at 25 °C) ±1 digit 2 %RH (10 to 85 %RH at 25 °C)	Dimensions	350 x 470 x 200 mm
Stability	0.2 °C (10 to 85 %RH at 25 °C) 1 %RH (10 to 85 %RH at 25 °C)	Display	LCD graphics display
Power supply	85 to 264 VAC, 47 to 63 Hz	Conn.	RS232 interface
		Weight	14.5 kg