

Huminator 2

Technical data sheet



Huminator 2: Technical specifications

Specifications		
Measuring and control range	5 to 50°C	5 to 95%rH
Stability	± 0.02°C (at 25°C; 50%rH)	± 0.3%rH (10 to 80%rH at 10 to 40°C) ± 0.5%rH (remaining measuring range)
Probe accuracy at 25°C	± 0.15°C (0.27°F) with PT1000 Class AA	± (1.0%rH + 0.007 x meas. value) at 0 to 90%rH
Homogeneity (typical)	± 0.2°C	± 0.5%rH
Stabilisation time	3 min (from 35 to 80%rH at 25°C)	
Ambient conditions	20 ± 5°C	
Typical overall measuring uncertainty of the calibration (k=2)	± 0.2°C (10 to 85%rH at 25°C) ± 0.5°C (remain. meas. range)	± 1.5%rH (10 to 85rH at 25°C) ± 2.0%rH (remain. meas. range)
General Data		
Display	Touch screen	
Number of probe slots	5	
Interfaces	USB, LAN	
Power consumption (typical)	30W to 250W, max: 500W	
AC Input voltage/-frequency	110V to 230V ± 10% 50/60 Hz	
Volume of tank	Tank with 200 ml capacity	
Water level indicator	Completely automatically with graphic display	
Display of measuring data	In graphic and tabular form	
Control	Manually or automatically programmable	
Stabilisation signal	visually and acoustically	
Dimensions (DxWxH)	451mm x 448mm x 266mm 482mm x 448mm x 290mm (incl. attachment parts)	
Size of measuring chamber	Diameter: 160mm, Depth: 320mm	
Volume of measuring chamber	4.2 liters (inlet: 154mm, Depth to cooling unit: 230mm)	
Weight	19 kg	
Scope of delivery		
Drying cartridge	Dry granulates with change of color dependent on humidity content	
Operating material	Plugs for probes (17 pcs.)	
	Power cord	
	ISO calibration certificate	
Optional		
Transport trolley	For a safe and convenient transport	
Traceability	DAkkS calibration of the reference probe	
Second reference	For a continuous use during the calibration of the first reference	
Further certifications		
CE approval		
BGV A3 approved		