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+ Datasheet Humidity Calibration Kit



Humidity Calibration Kit

The E+E Humidity Calibration Kit offers a cost-effective method for calibrating humidity measuring devices with sensing probe diameter of 10-12 mm (0.4-0.47 inch). It is very easy to use and it does not require highly qualified technical staff. The kit consists of a humidity calibration chamber and a choice of E+E Humidity Standard Sets.

E+E Humidity Standard

The E+E Humidity Standards are non-saturated salt solutions available in sets of five or fifty single-use ampoules, which may be stored an indefinite time. Observe the safety instructions given on the label or refer to the safety datasheet, which is available on request.

Each E+E Humidity Standard Set is supplied with a traceable calibration certificate, issued by the Austrian National Metrology Institute (NMI).



Calibration chamber



Humidity standard set



Calibration certificate

E+E Humidity Standards

Accuracy

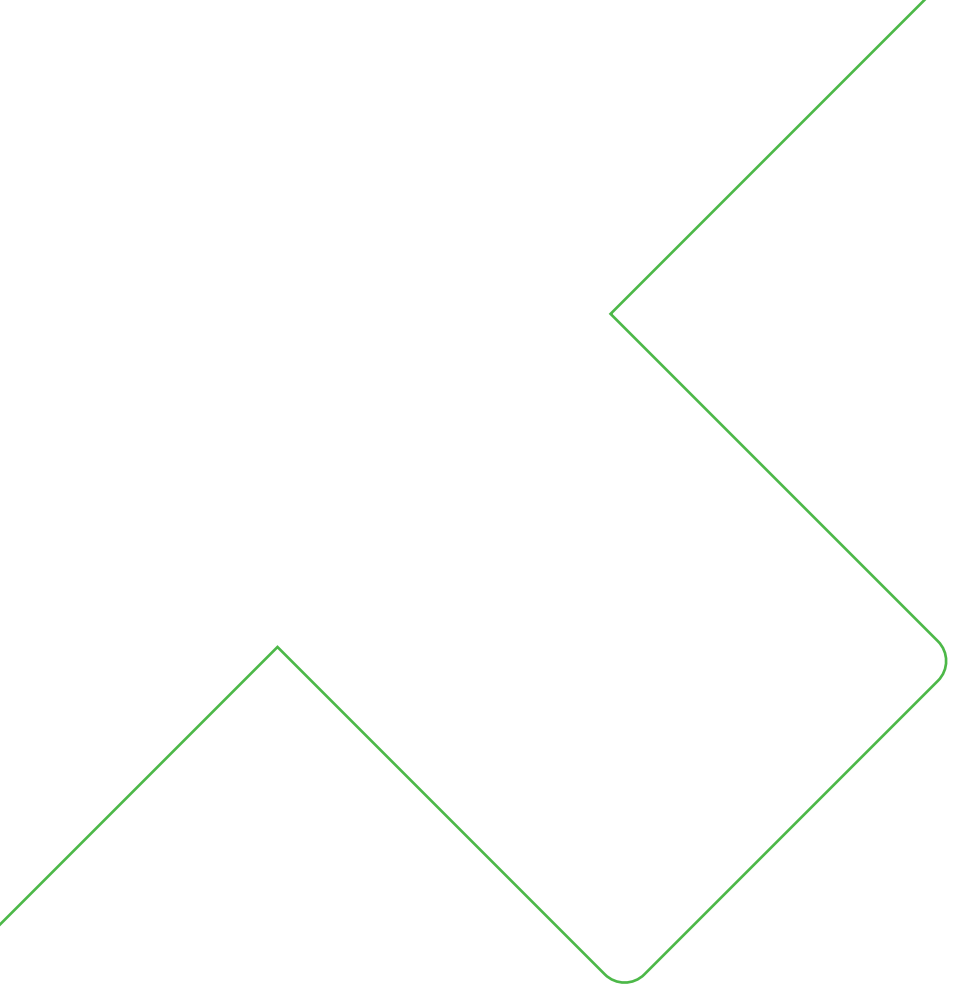
Humidity value	Accuracy @ 23 °C (73.4 °F)
0 % RH	±0.3 % RH
5 % RH	±0.5 % RH
10 % RH	±0.5 % RH
20 % RH	±0.5 % RH
35 % RH	±0.5 % RH
50 % RH	±0.9 % RH
65 % RH	±0.9 % RH
80 % RH	±1.2 % RH
95 % RH	±1.2 % RH

For calibration procedure using the Humidity Calibration Kit please regard to the User Manual at www.epluse.com/fileadmin/data/product/HumidityCalibrationSet/BA_CalibrationInstruction_e.pdf.

Ordering Guide

Description	Code
Humidity standard¹⁾ 5 ampoules 0 % RH + 5 textile pads 5 ampoules 5 % RH + 5 textile pads 5 ampoules 10 % RH + 5 textile pads 5 ampoules 20 % RH + 5 textile pads 5 ampoules 35 % RH + 5 textile pads 5 ampoules 50 % RH + 5 textile pads 5 ampoules 65 % RH + 5 textile pads 5 ampoules 80 % RH + 5 textile pads 5 ampoules 95 % RH + 5 textile pads	HA010400 HA010405 HA010410 HA010420 HA010435 HA010435 HA010450 HA010465 HA010480 HA010495
Humidity standard¹⁾ 50 ampoules 0 % RH + 5 textile pads 50 ampoules 5 % RH + 5 textile pads 50 ampoules 10 % RH + 5 textile pads 50 ampoules 20 % RH + 5 textile pads 50 ampoules 35 % RH + 5 textile pads 50 ampoules 50 % RH + 5 textile pads 50 ampoules 65 % RH + 5 textile pads 50 ampoules 80 % RH + 5 textile pads 50 ampoules 95 % RH + 5 textile pads	HA011500 HA011505 HA011510 HA011520 HA011535 HA011550 HA011565 HA011580 HA011595
Calibration Chamber for sensor probes Ø10- 12 mm (0.4-0.47")	HA010401
Textile pads 50 pcs. packed	HA010498

1) Each ampoule contains 1 ml of the appropriate solution



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