

Humidity Calibration Kit

The E+E Humidity Calibration Kit offers a cost effective method for calibrating humidity measuring devices with sensing probes Ø 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.

Humidity Standards:

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. The salt solutions are non-harmful, handling them does not require specific safety measures. Safety data sheet is available upon request. Each E+E Humidity Standard Set is supplied with a traceable calibration certificate, issued by the Austrian National Metrology Institute (NMI).

Accuracy of the E+E Humidity Standards

Humidity value	Accuracy at 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 see the manual at www.epluse.com/fileadmin/data/product/HumidityCalibrationSet/BA_CalibrationInstruction_e.pdf.



Calibration Chamber



Humidity Standard Set



Calibration Certificate

Ordering Guide

Humidity Standards	Order code	Humidity Standards	Order code
5 ampoules 0 % RH + 5 textile pads	HA010400	50 ampoules 0 % RH	HA011500
5 ampoules 5 % RH + 5 textile pads	HA010405	50 ampoules 5 % RH	HA011505
5 ampoules 10 % RH + 5 textile pads	HA010410	50 ampoules 10 % RH	HA011510
5 ampoules 20 % RH + 5 textile pads	HA010420	50 ampoules 20 % RH	HA011520
5 ampoules 35 % RH + 5 textile pads	HA010435	50 ampoules 35 % RH	HA011535
5 ampoules 50 % RH + 5 textile pads	HA010450	50 ampoules 50 % RH	HA011550
5 ampoules 65 % RH + 5 textile pads	HA010465	50 ampoules 65 % RH	HA011565
5 ampoules 80 % RH + 5 textile pads	HA010480	50 ampoules 80 % RH	HA011580
5 ampoules 95 % RH + 5 textile pads	HA010495	50 ampoules 95 % RH	HA011595

Each ampoule contains 1 ml of the according salt solution

Calibration Chamber

For sensor probes Ø 10...12 mm (0.4...0.47")

HA010401

Textile pads

50 pcs. packed

HA010498