

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 user guide at www.epluse.com.



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

Calibration Chamber

for sensor probes 10...12 mm (0.4...0.47")

HA010401

Textile pads

50 pcs. packed

HA010498