

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.

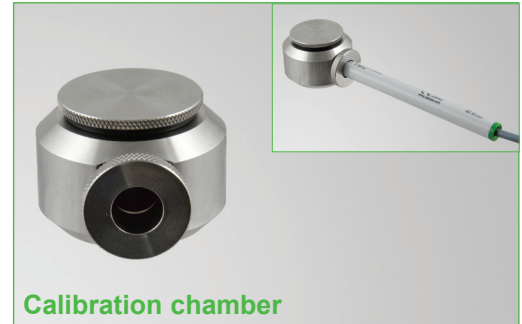
Humidity Standards:

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 Ø 10...12 mm (0.4...0.47")

HA010401

Textile pads

50 pcs. packed

HA010498