

Control Kit

For the Calibration of Relative Humidity Sensors



Technical Specifications

The control kit consists of:

- 5 vials of the same humidity value
- 7 paper test strips
- 1 control chamber with version HKCxxCxx, without control chamber with version HKCxxS00
- Box dimensions: 100 x 140 x 40mm / 3.93 x 5.51 x 1.57"
- Weight: 1.0kg / 2.2lb

Accuracy

An accuracy of $\pm 3\%$ RH can be achieved with strict adherence to test procedure.

Operating Conditions

- Reference temperature: $23^{\circ}\text{C} \pm 1^{\circ}\text{C} / 73^{\circ}\text{F} \pm 2^{\circ}\text{F}$
- Environmental humidity stabilized $\pm 10\%$
- Set up conditions:
 Temperature between 0 and $50^{\circ}\text{C} / 32$ and 122°F with correction to be applied according to the instruction manual.
 Ambient RH between 40 and 60% RH
- The instrumentation should be set up and the control kit must be kept in the same environment at least 10 hours before the procedure is started
- Shelf life of the solutions:
 In vial: unlimited
 In the control chamber: 2 hours

Order Codes

Control Kit for relative humidity

HKC	2	5	C12
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Test Value	
25% RH	2 5
35% RH	3 5
50% RH	5 0
80% RH	8 0

Test Chamber	
Without chamber	S00
With chamber $\varnothing 12\text{mm}$	C12
With chamber $\varnothing 19\text{mm}$	C19
With chamber $\varnothing 22\text{mm}$	C22

Please note: Michell Instruments adopts a continuous development program which sometimes necessitates specification changes without notice. Please contact us for latest version. Ref: SCI-Control_1001US_P



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