

Manual test block

humimeter FLH – hops umbel sensor

version 1.0_en

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General

The surface of the test block must not be scratched and has to be free from dust, dirt, oil and dampness. The ideal test temperature was defined at 23°C. However, a test temperature between 20°C and 26°C is sufficient. Air humidity has to be between 30% r.h. and 80% r.h. The sensor under test as well as the test block have to be stored in the same surroundings for some time before testing. If you do not comply with these specifications this may lead to deviations!

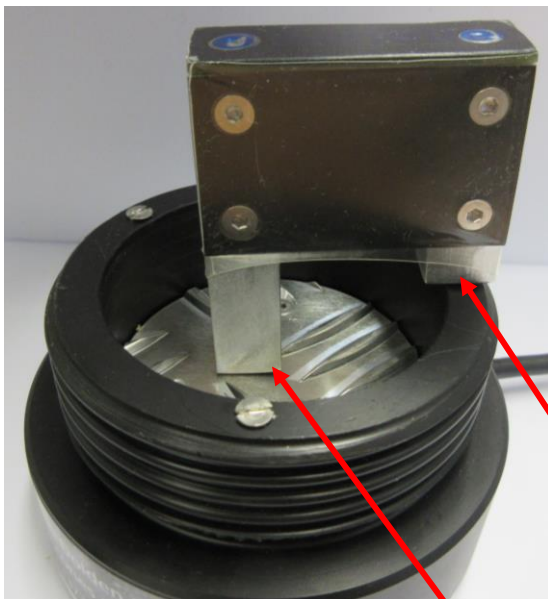
This manual is for the following devices:

- humimeter FLH with hops umbel sensor

Test procedure

humimeter FLH with hops umbel sensor

Switch on the device and change to the type selection menu pressing the left button. Select the calibration curve „Hops 10% α“. Hold the test block to the measuring chamber of the umbel sensor as shown on the picture below, so that the long end of the test block is positioned in the middle of the measuring chamber and the short end touches one of the three contacts on the edge of the sensor. Now the humimeter FLH should show a measuring value of 12.9% (+/- 0.4%). The measuring value is ok if it is displayed in black (please read possible reasons for errors – next page).



Possible reasons for errors

➤ ***Discrepancy in temperature between device and test block***

Please ensure that the device and the test block are being stored at nearly the same temperature before measuring. A high temperature difference has a negative effect on the accuracy of the measuring result.

➤ ***Wrong handling***

Make sure that there is a protective film on the test block and hold the test block only in the area covered by the protective film. (In case of inappropriate utilization there is a risk of short circuit.)

➤ ***Contact pressure is too low***

Please pay attention to a good contact between the test block and the two metal contact sections of the sensor. If the contact pressure is too low, no stable values can be displayed.

➤ ***Position***

If the test block isn't positioned correctly, the display shows the value 0.0%!

➤ ***Dirt***

Make sure that the test block is free from dust, dirt, oil and dampness. If the test block becomes dirty, only clean it with a moistened lint-free cloth.

➤ ***Wrong calibration curve***

Double-check the selection of the calibration curve „Hops 10% α“ before starting the test.

Technical support

For technical questions our team is always at your disposal.



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