

CHECKLINE®

MADE TO MEASURE

Operating Manual

Test equipment

for BMC, BMA-2



Introduction

1.1 Information about this operating manual

The operator must carefully read and understand this operating manual before starting any work. The basic prerequisite for safe working is compliance with all the safety notes and instructions for action given in this operating manual.

1.2 Limitation of liability

All information and notes in this operating manual have been compiled taking into account the applicable standards and regulations, the state of the art and the many years of knowledge and experience of Schaller Messtechnik GmbH.

In the following cases, Schaller Messtechnik GmbH does not assume any liability for damages and the warranty claims expire:

- Non-observance of this operating manual
- Improper use
- Inadequately qualified users
- Unauthorised modifications
- Technical changes
- Use of unapproved spare parts

This rapid measurement procedure can be influenced by various boundary conditions. We therefore recommend checking the measurement results at periodic intervals by means of a standard kiln drying test.

1.3 Symbols used in this manual

All of the safety information provided in this manual is shown with a corresponding symbol.



ATTENTION

It is essential to observe this warning. Non-compliance can lead to damage to property or equipment.

1.4 Customer service

For technical advice, please contact our customer service department at:

Schaller Messtechnik GmbH
Max-Schaller-Straße 99
A - 8181 St.Ruprecht an der Raab

Telephone: +43 (0)3178 28899
Fax: +43 (0)3178 28899 - 901

E-Mail: info@humimeter.com
Internet: www.humimeter.com



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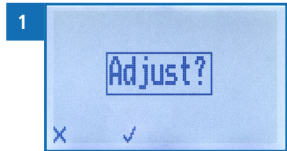
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1. Test equipment for the humimeter BMC

1.1 Verification process

To do so: The device and the test equipment must have a temperature between 20.0 °C and 26.0 °C.

1. Check whether the measuring chamber of the device is empty.
 - » When switching on, there must be no measuring material or contamination in it.
2. Switch on the measuring device and press the key  for 3 seconds.
3. Now the query for self-calibration (adjustment) of the device appears. Confirm this with the  key (Figure 1).
 - » This process is completed in a few seconds.
4. The measuring chamber must now be filled completely with the test medium (white plastic granules) slowly and evenly (Figure 2).
 - » Fill the measuring chamber from the gray rear side.
 - » Do not use a funnel or similar for filling the measuring device!
5. Spread the granules evenly on the top edge (Figure 3).
 - » No material may be compressed in the process!
6. Now the characteristic curve "Reference" must be selected with the arrow keys.
7. Now a value between **11** and **13** should be displayed.
 - » **If this is not the case, contact Schaller Messtechnik GmbH or your dealer!**
8. Pour the test medium back into the bucket.
 - » Make sure that no residues collect in the measuring chamber.





ATTENTION

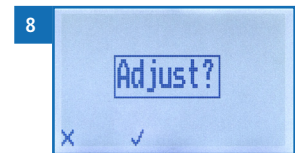
The test medium must always be stored in a closed bucket.

2. Test equipment for the humimeter BMA-2

2.1 Verification process

To do so: The device and the test equipment must have a temperature between 20.0 °C and 26.0 °C.

1. Check whether the measuring chamber of the device is empty.
2. Place the empty measuring chamber correctly in the BMA-2 (Figure 4).
 - » The aluminum part must be centered in the plastic jaws of the drawer.
3. Now close the drawer and push it downwards (Figure 5).
 - » Usually happens automatically!
4. The round plug of the supplied power supply unit on the BMA must be connected (Figure 6).
5. Now connect the power supply unit to an earthed socket.
6. Now the humimeter BMA-2 switches on automatically.
 - » If this is not the case, press the  key for 3 seconds.
7. After switching on, the device performs a charging test. The display shows **Check Door** (Figure 7).
8. Now comes the query for self-calibration (Adjust) of the humimeter BMA. (Adjust?). Confirm this with the  key (Figure 8).
9. After successful self-calibration, the measurement window is visible on the display (Figure 9).



10. Now open the drawer of the humimeter BMA and remove the measuring chamber.

» This must first be raised, then it can be opened.

11. The measuring chamber must now be filled completely with the test medium (white plastic granules) slowly and evenly (Bild 10).



» Fill the measuring chamber from the side with the aluminum sheet.

12. Spread the granules evenly on the top edge.

13. Hang the filled measuring chamber correctly back into the drawer and close it.

14. Now the characteristic curve "Reference" must be selected with the two arrow keys.

15. After pressing the Start button, the measurement starts automatically.

» The LED now flashes blue and three symbols for the active measurement appear on the display.

16. After the measurement is completed, the LED lights up blue again and the measured values are shown on the display.

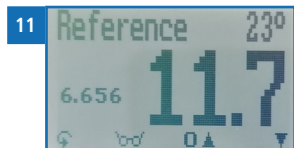
17. Now a value between **10.5** and **12.5** should be display (Bild 11).

» **If this is not the case, contact Schaller Messtechnik GmbH or your dealer!**

18. Open the drawer and carefully remove the measuring chamber.

19. Pour the test medium back into the bucket.

» Make sure that no residues collect in the measuring chamber.



ATTENTION

The test medium must always be stored in a closed bucket.



Climate
Environment



Material



Food



Buildings



Bioenergy



Paper / Board

Schaller Messtechnik develops, produces and sells professional moisture meters and turnkey solutions.