

Quick Start Guide

Version 1.0



HYDROMETTE

BL COMPACT B 2



EN



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All relevant national, regional and local safety regulations must always be observed when installing and using this device. For reasons of safety and to ensure compliance with the documented system data, only the manufacturer is authorised to carry out repairs to components. Failure to observe this information may result in injury or damage to the equipment.

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Table of Contents

1	Foreword	4
1.1	Explanation of the General Warnings	5
2	Device Layout and Button Assignment	6
2.1	Display Symbols.....	7
2.2	Switching the Device On and Off	8
2.3	Setting Menus	8
2.3.1	Measuring Menu (Main Menu)	9
2.3.2	Material Setting.....	11
3	Appendix	12
3.1	Material Table	12

1 Foreword

This quick start guide contains an overview of the most important functions of the Hydromette BL Compact B 2. It only contains parts of the legal and safety-relevant information and has been abridged for better readability. A complete digital version of the operating instructions is available on our homepage in the download area (in **English**: pdf. file with **EN** extension):









<https://www.gann.de/en/products/handhelds/electronic-moisture-meters/blue-product-series/bl-compact-b-2#downloads>



Only use the device if you have read and understood all legal and safety-related information in the complete operating manual.

1.1 Explanation of the General Warnings

The following danger levels are used in this quick start guide to indicate potentially dangerous situations and important safety instructions:

Danger Level	Description
 	Danger / Indicates a hazardous situation which, if not avoided, will result in death or serious irreversible injuries.
 	Warning / Indicates a hazardous situation which, if not avoided, could result in death or serious irreversible injuries.
 	Caution / Indicates a hazardous situation which, if not avoided, could result in minor or moderate injuries.
 	Indicates important information.

2 Device Layout and Button Assignment



Figure 2-1: View of the Hydromette BL Compact B 2

2.1 Display Symbols

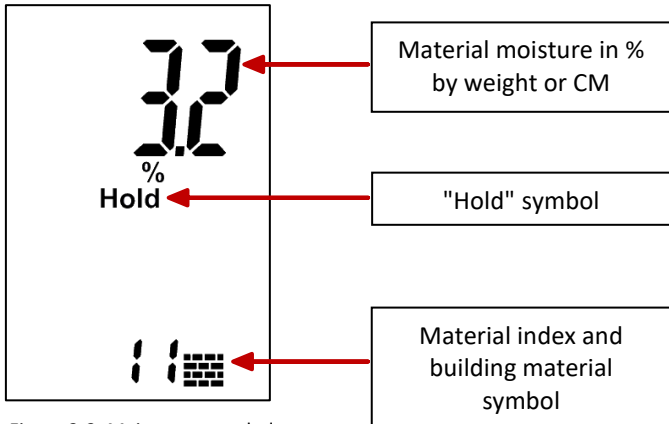


Figure 2-2: Main menu symbols

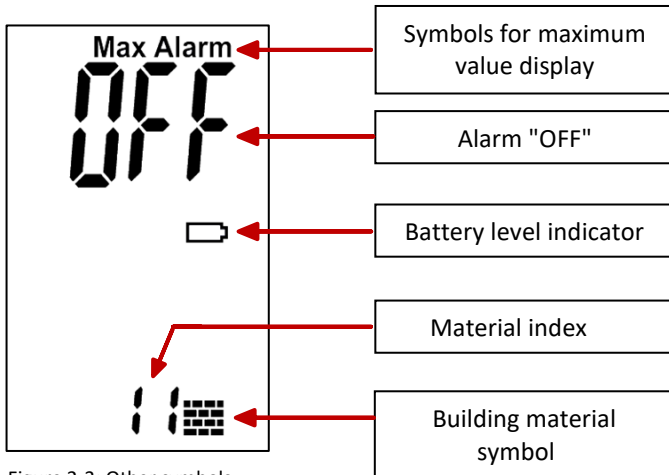



Figure 2-3: Other symbols

2.2 Switching the Device On and Off

The device is switched on and off by pressing the "On / Off" button . The device starts in the measuring menu or main menu. The measuring process can be carried out here [see Chapter [2.3.1. "Measurement menu \(main menu\)"](#)].

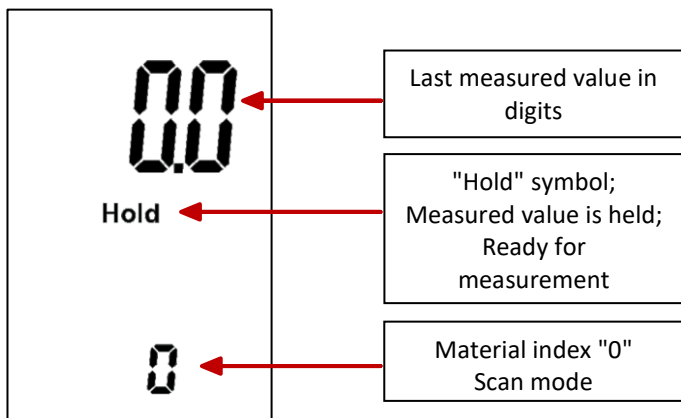


Figure 2-4: Scan mode display

2.3 Setting Menus

The following menu items can be selected one after the other by repeatedly pressing the "Down" button:

1. **Measuring menu** (Main menu): The measuring process can be performed here.
2. **Material setting**: The material selection can be selected here.
3. **Alarm value setting**: A measured value threshold can be set here, above which an acoustic signal sounds.

4. **Maximum value display:** The largest measured value is shown here.
5. **Memory Menu:** The last 5 measured values are stored here. The oldest value is overwritten after each measurement.

The menu items are selected in reverse order by pressing the "**Up**" button.

2.3.1 Measuring Menu (Main Menu)

After switching on, the device is in the measuring menu (main menu). The other menus can be accessed from here by pressing the "**Up**" or "**Down**" buttons.

In the measurement menu, the last measured values are displayed according to the material selection with the corresponding units (not for material code "0" / scan mode) and the note "**Hold**".

Measurements are taken by placing the ball electrode on the material to be measured. A new measurement is started by pressing the "**M**" button (*> 2 seconds*).

During the measuring process, the "**Hold**" symbol disappears from the display. After releasing the "**M**" button, the measured value is held and automatically stored in the ring memory. This overwrites the oldest stored value. The "**Hold**" symbol is displayed again.

If the new measured value is larger than the previous maximum value, "**Max**" flashes on the display. If the new value should be accepted, the "**M**" button must be pressed briefly (*< 1 second*). If the value should not be saved, a new measurement can be

started by pressing and holding (> 2 seconds) the "M" button without changing the previous maximum value.

If the **alarm function** is turned on, a warning signal sounds if the adjustable alarm value is exceeded. At the same time, the selected alarm value is shown in the second line of the display.

If the measuring range of a selected material is exceeded or not reached, a flashing measured value warns you, which is also marked alternately with "LO" or "HI" (not for material code "0" / scan mode).

By default, the Hydromette BL B2 is supplied with the material code "0" (scan mode) as the factory setting.

The **material index "0"** stands for a measurement in digits. The scaling is then in the range of 0–200 digits. The % symbol and the material symbol disappear. This value allows you to quickly scan larger areas for the maximum moisture or the extent of moisture damage.



INFORMATION

Digital values are dimensionless measurement values and not real moisture values as a percentage! For this reason, the measurement values are displayed in digits WITHOUT %!

2.3.2 Material Setting

The material can be selected in this menu. Please refer to the [material table](#) in the **appendix** for the corresponding material data.

To be able to make the material settings, the device must be switched on and in the measurement menu (main menu). Then press the "**Down**" button once to access the material settings. If you now want to change the setting for the material, press the "**M**" button briefly (*< 1 second*).

The measuring mode display flashes and can be set using the "**Up**" and "**Down**" buttons. The change is saved by briefly (*< 1 second*) pressing the "**M**" button again.

After confirming the change, the display automatically jumps to the measuring menu of the (newly) selected material. This removes the values of the previous material from the display. Any stored "**Max**" values remain in the memory of the respective measuring mode.

Now a new measurement can be performed by pressing and holding (*> 2 seconds*) the "**M**" button.

3 Appendix

3.1 Material Table

Material index	Material
0	Scan mode (display in digits)
11	Cement screed in weight-%
12	Anhydrite screed in weight-%
13	Concrete in weight-%
14	Cement mortar in weight-%
15	Lime mortar in weight-%
16	Mixed plaster in weight %
17	Gypsum plaster in weight %
18	Cement screed in CM %
50	Anhydrite screed in CM %
54	Gypsum plaster in CM %
55	Lime mortar in CM %
58	Cement mortar in CM %
72	Mixed plaster in CM %
73	Concrete in CM %

-Subject to technical changes-

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