

# Quick Start Guide

Version 2.0



## HYDROMETTE

### BL E



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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# 1 Foreword

This quick start guide contains an overview of the most important functions of the Hydromette BL E. 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-e#downloads>



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







## INFORMATION


**Please note: The version with the mini-USB port is valid from the manufacturers date - January 2025 - and firmware version 4.00.**

## 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
 <b>DANGER</b>	Danger / Indicates a hazardous situation which, if not avoided, will result in death or serious irreversible injuries.
 <b>WARNING</b>	Warning / Indicates a hazardous situation which, if not avoided, could result in death or serious irreversible injuries.
 <b>CAUTION</b>	Caution / Indicates a hazardous situation which, if not avoided, could result in minor or moderate injuries.
 <b>INFORMATION</b>	Indicates important information.

## 1.2 Specific Warnings

  
**CAUTION**

There is a risk of injury from the measuring pins of the electrodes for resistance measurement, e.g. due to careless handling when piercing / knocking into the material to be measured. Before the electrode pins are pressed / knocked into walls or ceilings (e.g. wooden panels or similar), it is essential to ensure by suitable means that there are no electrical cables, water pipes or other supply lines in this location.

## 2 Device Layout and Button Assignment



Figure 2-1: Front view of the Hydromette BL E

## 2.1 Display Symbols

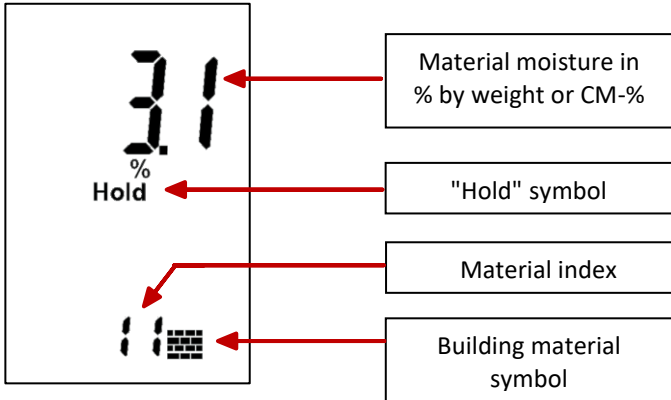


Figure 2-2: Main menu symbols

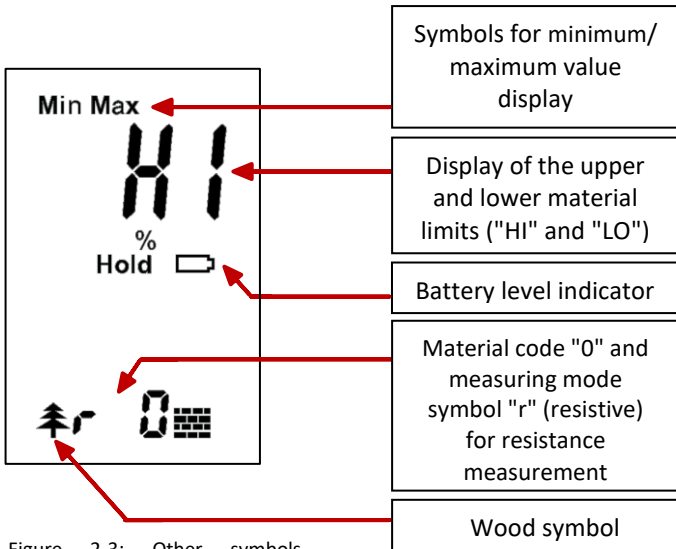



Figure 2-3: Other symbols resistive measuring

## 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 \(main menu\)"](#)).

By default, the Hydromette BL E is delivered with the material code "r 0" (resistance measurement or resistive measurement in digits) as the factory setting.

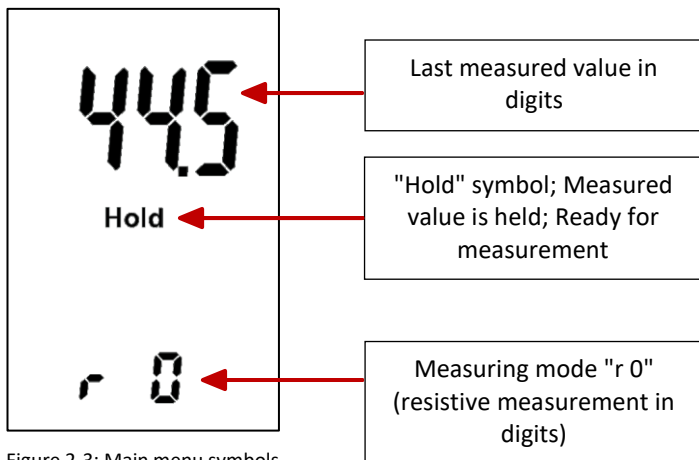


Figure 2-3: Main menu symbols



## 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 can be selected here.
3. **Maximum value display**: The largest measured value is shown here.
4. **Minimum value display**: The smallest measured value is shown here.
5. **Memory Menu**: The last 5 measured values can be 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 measuring menu, the last measured values are displayed according to the material selection made with the associated units and the note "**Hold**".

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 new measured value is smaller than the previous minimum value, "**Min**" 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 minimum value.

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**".

### 2.3.2 Material Setting

The device is delivered with the measuring mode "r0" (resistive measurement in digits) as factory setting.

To be able to make the material settings, the device must be switched on and in main measuring mode. 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 measuring mode from the display. Any stored "Max" or "Min" 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.

The corresponding material indices can be found in the [material table](#) in the appendix.

## 3 Appendix

### 3.1 Material Table

Material index	Material
r 0	Display in digits / Scan mode resistiv
2	Wood type 2
3	Wood type 3
11	Cement screed in weight-%
12	Anhydrite screed in weight-%
14	Cement mortar in weight-%
15	Lime mortar in weight-%
17	Gypsum plaster in weight %
18	Cement screed in CM %
19	Lime sand brick in weight-%
21	Styrofoam in weight %
50	Anhydrite screed in CM %

51	Gas concrete (Hebel) in weight-%
52	Gypsum screed in weight-%
53	Gypsum screed in CM %
54	Gypsum plaster in CM %
55	Lime mortar in CM %
56	pressed cork in weight-%
57	XyloLite in acc. with DIN in weight-%
58	Cement mortar in CM %
59	Gas concrete (Ytong PPW4) in weight-%
60	Bricks in weight-%
65	Concrete C 20/25 in weight-%
69	Natural cork in weight-%
70	Magnesite screed in weight-%
71	Glass / mineral wool in weight-%

c 0	Display in digits / Scan mode capacitive (only in connection with active electrode B 55 BL)
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- Subject to technical changes-

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