

Quick Start Guide

Version 1.0



HYDROMETTE

BL COMPACT B 3



EN



GANN MESS- U. REGELTECHNIK GMBH

70839 GERLINGEN

SCHILLERSTRASSE 63

INTERNET: <http://www.gann.de>

Verkauf National:
Verkauf International

TELEFON 07156-4907-0
TELEFON +49 7156-4907-0

TELEFAX 07156-4907-40
TELEFAX +49 7156-4907-48

EMAIL verkauf@gann.de
EMAIL sales@gann.de

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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 Compact B 3. 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-3#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	Danger / Indicates a hazardous situation which, if not avoided, will result in death or serious irreversible injuries.
 WARNING	Warning / Indicates a hazardous situation which, if not avoided, could result in death or serious irreversible injuries.
 CAUTION	Caution / Indicates a hazardous situation which, if not avoided, could result in minor or moderate injuries.
 INFORMATION	Indicates important information.

2 Device Layout and Button Assignment



Figure 2-1: Front view of the Hydromette BL Compact B 3

2.1 Display Symbols

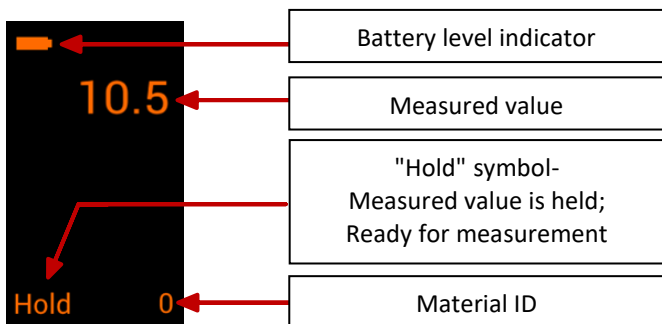


Figure 2-2:
Main menu symbols

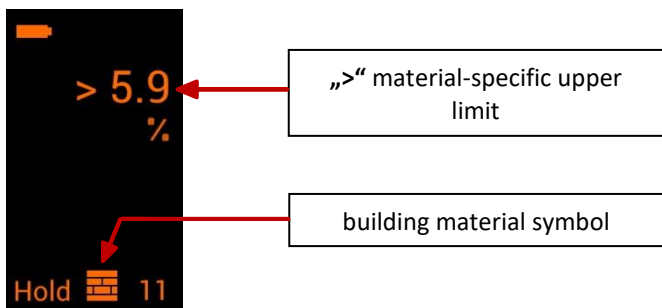


Figure 2-3: Other symbols
upper measuring range

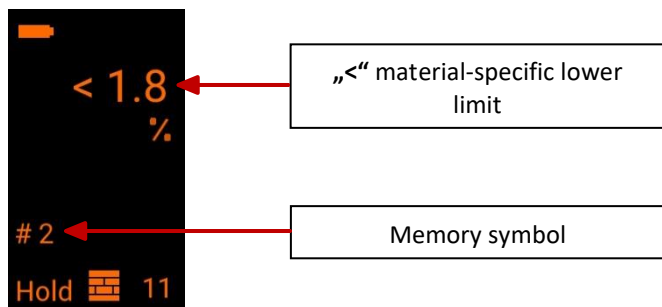


Figure 2-4: Other symbols for lower measuring range

2.2 Switching the Device On and Off

The device is switched on and off by pressing the "On / Off" button .



Figure 2-5:
Start screen

The GANN logo is shown on the display while the device is starting up. The device name and the installed firmware version are also displayed. After switching on, the Hydromette BL Compact B 3 always starts in the last menu opened. When the device is started for the first time, the Hydromette starts in the basic measurement mode.

2.3 Menu Guidance

The device must be switched on in order to make menu selections. Starting from the measurement menu, you can access other menus by pressing the "**Up**" or "**Down**" buttons.

Each menu selection must be confirmed by briefly pressing the "**M**" button. To leave a menu, either confirm the (changed) menu selection by pressing the "Measure" button or select the "**Return**" symbol using the "**Up**" or "**Down**" buttons and confirm by pressing the "**M**" button.

Menu selection overview:

1. **Measuring Menu** (Main Menu): The measuring process can be performed here.
2. **Settings:**
 - **Material:** Selection of the material to be measured using the [material ID table](#).
 - **Brightness:** Setting the menu brightness.
 - **Language:** Setting the menu language.
 - **Alert:** Setting the limit value for an acoustic warning signal.
3. **Average value:** An average of up to five measurements can be output here.
4. **Batches:** Activation or deactivation of up to five measurements can be output here.
5. **Memory:** Contains the last ten measurements that were not saved in batches.

2.4 Material Selection

The desired material can be selected in this menu by selecting the corresponding material ID. The measured values are then displayed in weight % or CM %, depending on the selection. The following materials are available:

Material_ID	Material Designation
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 %

Table_2_1: Available materials

The scan mode is used for comparative measurements of unknown materials or measurements of material compositions, as is often the case in buildings. Additional specific measurement curves for single-variety building materials are also available. The "Material ID" menu item is omitted for batch measurements where at least one measured value has already been saved.

2.5 Basic Measurement

The basic measurement is the standard measurement function. This is suitable for quick measurements that do not require documentation of the results. The last 10 measured values are simply stored in a ring memory. If limit values are exceeded or undercut, an acoustic alarm is emitted and a visualisation is shown on the display.

2.5.1 Measuring Process

A new measurement is started by pressing the **"M"** button (*> 2 seconds*). During the measurement process, the **"Hold"** symbol disappears from the display. After releasing the **"M"** button, the measured value is held and automatically saved in the ring memory. The oldest stored value is overwritten. The **"Hold"** symbol is displayed again.



INFORMATION

For a reliable measurement result, the measurement button must be pressed for at least 2 seconds.

2.5.2 Query the last ten measured values

The measurements of the basic measurement are stored in a ring buffer. The last 10 measured values are automatically saved and assigned to memory locations **"#1"** - **"#10"**. The last measured value is stored in memory location **"#1"**. The memory is structured as a ring memory. As soon as an eleventh measured value is recorded, the oldest measured value in memory location **"#10"** is automatically removed from the memory.

The measured values are displayed with **#1...#10**, where **#1** corresponds to the last measured value and **#10** is the furthest in the past.

The descriptions for batch measurement and average value measurement can be found in the complete operating instructions.

3 Using the Hydromette BL Compact B 3

To prevent any influence from the hand of the operator who is performing the measurement, during the measurement and inspection process, only the rear half can be covered by the hand. The front half (display/ball) of the device must remain free..

Press the measurement button "M" for longer than 2 seconds, and scan the area to be inspected. The electrode must rest firmly on the building material and be held as vertically as possible (approx. 90°) to the area. A measuring process is carried out as long as the measurement button is pressed. After releasing the "M" button, the measuring process is interrupted and the "Hold" symbol is displayed.

Correct handling of the device:

While measuring, always grip the device by the lower end of its housing.



-Subject to technical changes-

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GANN MESS- U. REGELTECHNIK GMBH

70839 GERLINGEN SCHILLERSTRASSE 63 INTERNET: <http://www.gann.de>

Verkauf National: TELEFON 071 56-49 07-0 TELEFAX 071 56-49 07-40 E-MAIL: verkauf@gann.de

Verkauf International: TELEFON +49-71 56-49 07-0 TELEFAX +49-71 56-49 07-48 E-MAIL: sales@gann.de