

# Quick Start Guide

Version 1.0



## HYDROMETTE

## COMPACT B evo-100



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 Compact B evo-100. 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/compact-series/compact-b-evo-100#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
 <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.

## 2 Device Layout and Button Assignment

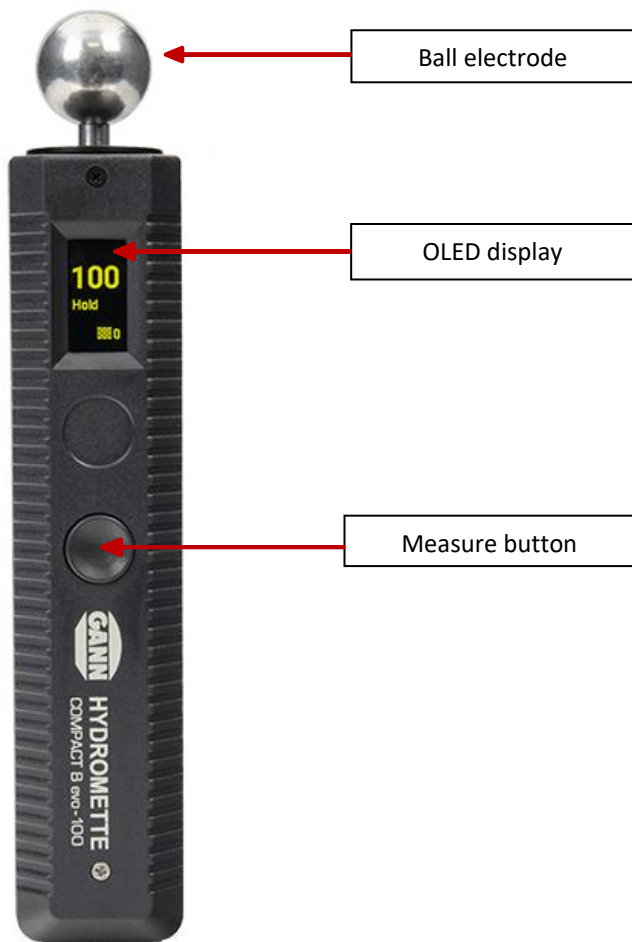


Figure 2-1: View of the Hydromette Compact B evo-100

## 2.1 Display Symbols

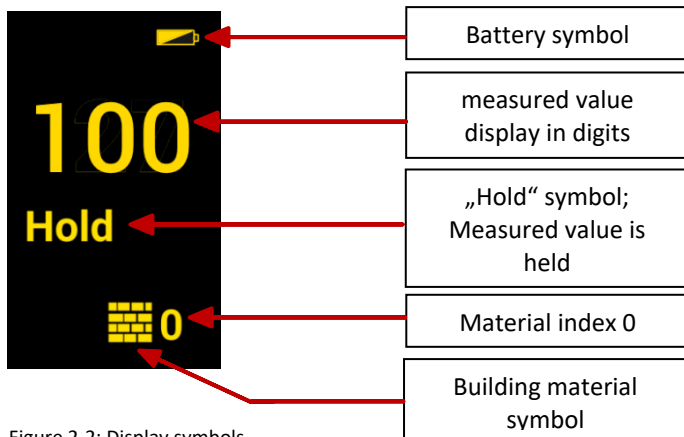



Figure 2-2: Display symbols


## 2.2 Switching the Device On and Off

The device is switched on by pressing the "Measure" button . If no button is pressed within approx. 15 seconds, the device switches off automatically.

### 2.2.1 "Hold" Function

With the "Hold" function, even hard-to-reach areas can be measured correctly. After releasing the measurement button, the last measured value remains visible on the display for approx. 15 seconds.

## 2.2.2 Battery Monitoring

If the battery symbol  appears on the display, the battery should be replaced soon. If the message "BATT". appears on the display, the battery is empty and must be replaced. The device can no longer be operated.

## 2.2.3 Using the Hydromette Compact B evo-100

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.

### Correct handling of the device:

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

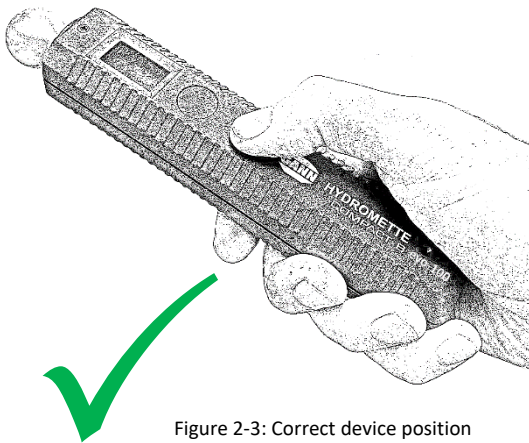


Figure 2-3: Correct device position

### Improper handling of the device:

During measurement, the hand influences the measurement field of the ball electrode and thereby changes the measurement value, as shown.

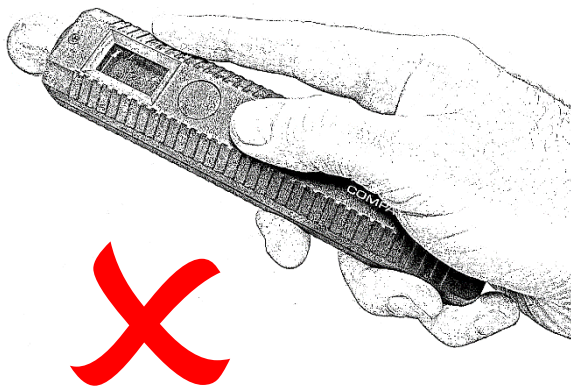


Figure 2-4: Improper device position

### Measuring:



#### INFORMATION

Press the measurement button 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. When the measuring button is released, the measuring process is interrupted and the **"Hold"** symbol is displayed.

**INFORMATION**

Digit values are non-dimensional measured values and no real humidity values in per cent (!) For this reason, the measured values are displayed in digits **WITHOUT %!**

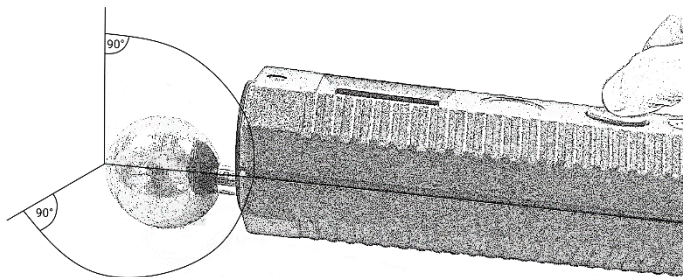


Figure 2-5: Measuring as vertically as possible to the measurement area

### 3 Appendix

#### 3.1 Orientation Values

The following data serves as an orientation guide for anticipated display values:

##### Residential spaces

dry 20 - 40 Digits

moist 45 - 70 Digits

wet 75 - 100 Digits

##### Cellars (old buildings)

dry 40 - 60 Digits

moist 65 - 80 Digits

wet 85 - 100 Digits

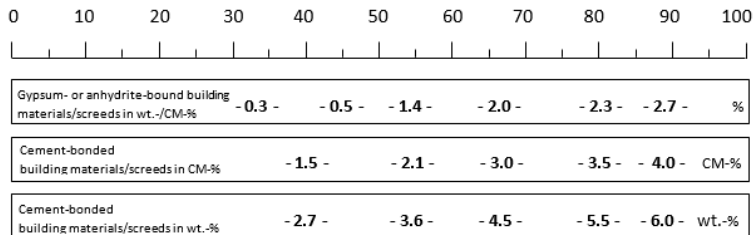
#### 3.2 Display/Conversion Values (Digits) depending on the Raw Material Density

Raw density kg/m <sup>3</sup>	Corresponding relative humidity in %					
	30-----50-----70-----80-----90-----95-----100					
	Display in Digits *					
	very dry	normal dry	semi dry	moist	very moist	wet
<b>up to 600</b>	5 - 12	12 - 25	25 - 40	40 - 55	55 - 70	> 70
<b>600 to 1200</b>	12 - 20	20 - 30	30 - 45	45 - 60	60 - 75	> 75
<b>1200 to 1800</b>	12 - 25	25 - 40	40 - 50	50 - 70	70 - 80	> 80
<b>above 1800</b>	20 - 30	30 - 45	45 - 55	55 - 75	75 - 90	> 90

\* Digital values are dimensionless measurement values and not real moisture values as a percentage

### 3.3 Comparison Table Display Values - Building Moisture

#### Display in Digits Compact B evo-100



-Subject to technical changes--

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