

# Quick Start Guide



## HYDROMETTE BL

## COMPACT TF-IR 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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# 1 Foreword





This quick start guide contains an overview of the most important functions of the Hydromette BL Compact TF-IR 2. It only includes parts of the relevant legal and safety information and has been shortened for better readability. A detailed version is available for download on our website:

<https://www.gann.de/de/produkte/handmessgeraete/elektronische-messgeraete/blaue-geraeteserie/bl-compact-tf-ir-2>


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 operating manual to indicate potentially dangerous situations and important safety instructions:

Danger level	Description
 <b>DANGER</b>	Indicates a hazardous situation which, if not avoided, will result in death or serious irreversible injuries.
 <b>WARNING</b>	Indicates a hazardous situation which, if not avoided, could result in death or serious irreversible injuries.
 <b>CAUTION</b>	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:** The Hydromette BL Compact TF-IR 2 uses a laser in  laser class 2 according to IEC 60825-1. People can be blinded by the laser. The laser must never be directed at people or animals. Do not look directly into the laser beam and avoid reflections on reflective surfaces.

## 2 Device layout and button assignment



## 2.1 Display Symbols

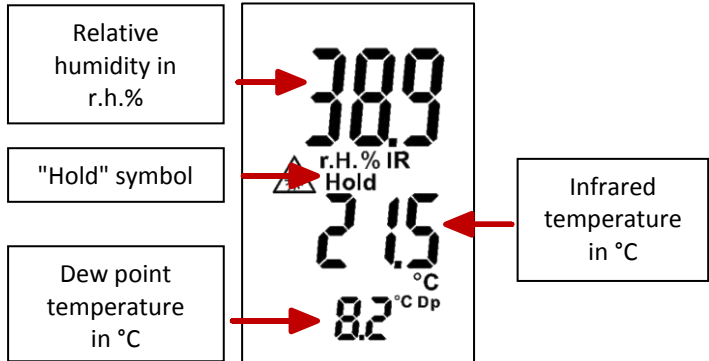


Figure 2-1: Main menu symbols

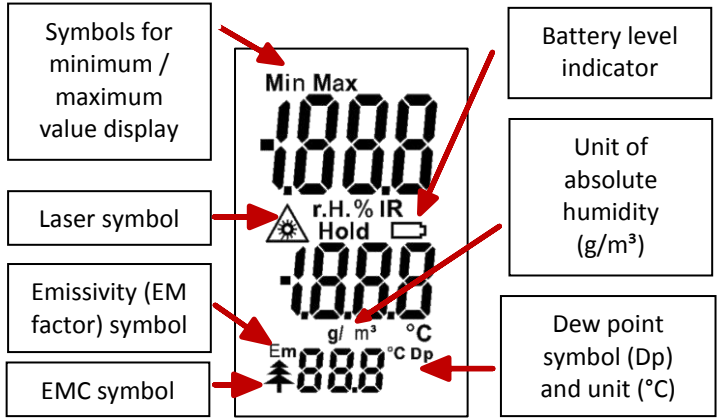


Figure 2-2: Other symbols



## 2.2 Display in measuring mode

The Hydromette BL Compact TF-IR 2 is supplied with the TF-Stick 16 K 25 inserted as standard.

If the device is now switched on by pressing the "On" button, the device starts in the "Dew point IR" (rh / Ir / dp) measuring mode.

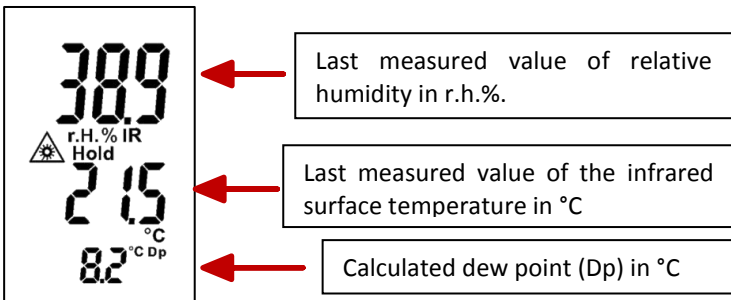


Figure 2-3: Standard Measuring Menu



If the TF-stick is not (correctly) inserted, the display "InP SE n" is shown when the measuring button is pressed and held down for a *long time* (>2 seconds)!

Figure 2-4: Error message, TF-Stick not detected

## 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. **Measuring mode selection**: The different measuring modes can be set here.
3. **Laser Pointer / EM Menu**: This menu can be used to disable/enable the laser pointer and to set the emissivity (EM factor).
4. **Maximum value display**: The largest measured value is shown here.
5. **Minimum value display**: The smallest measured value is shown here.
6. **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 Measuring Menu, the last measured values are displayed according to the measuring mode selection made with the associated units and the note "**Hold**".

Pressing and holding the "**M**" button (*> 2 seconds*) starts a new measurement, the measured values adapt to the ambient climate. 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.

-Subject to technical changes-

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