



HYDROMETER



Brew Monk[®] Hydrometer Manual

First use

When using the Brew Monk[®] Hydrometer for the first time, follow these steps:

Place the hydrometer on its cap.

Normally, the battery is sufficiently charged. If the BMH flashes red, the battery is empty. To be sure, it is recommended to charge it before first use. See the section Charging the battery.

The setup mode is activated when the hydrometer is placed on its cap. Go to the Wi-Fi settings on your smartphone, select the Brew Monk[®] Hydrometer network, and follow the instructions on your phone.

If you used an e-mail address that did not yet exist on the mybrewMonk platform, an account will be created and you will receive an e-mail with your password.

The hydrometer is now linked to the account associated with the provided e-mail address.

Power off

When the hydrometer is in measuring mode, turn it off as follows:

Hold the hydrometer briefly upside down (the cap pointing down), the cap lights up. Then place the hydrometer horizontally on a table.

Start measuring

When the hydrometer is off, activate measuring mode as follows:

Hold the hydrometer upright (the cap pointing upwards).

Activate setup mode

To activate setup mode, follow these steps:

Place the hydrometer on its cap.

Connect via your smartphone's Wi-Fi settings to the hydrometer network.

Charge the battery

To charge the battery, follow these steps:

Unscrew the hydrometer's cap.

Insert a USB-C cable into the side USB connector. Always use a charger that meets USB-C standards. Do not use high-power chargers from laptops.

Restart

The hydrometer can be restarted in two ways:

Remove the cap from the hydrometer.

Press and hold the button on the side until the hydrometer flashes red.

Or: insert a cable into the USB connector to start charging, then remove it again.

<p>Restore factory settings</p>	<p>The hydrometer can be reset to its original factory configuration as follows:</p> <p>Remove the cap from the hydrometer. Press and hold the button on the side until the red light changes from short to longer flashes.</p>						
<p>Cleaning</p>	<p>The outside of the hydrometer can be cleaned with common homebrewing cleaning products, such as Chemipro Wash and Chemipro San. Make sure that no liquid enters the hydrometer.</p> <p>The housing of the hydrometer consists of: Sealing ring: TPU; Cap and body: PET.</p>						
<p>Storage</p>	<p>Store the hydrometer in a dry, cool place in a horizontal position.</p>						
<p>Orientation and mode</p>	<table border="1"> <tr> <td data-bbox="339 548 718 840">  </td> <td data-bbox="718 548 1129 840">  </td> <td data-bbox="1129 548 1533 840">  </td> </tr> <tr> <td data-bbox="339 840 718 929"> <p>OFF</p> </td> <td data-bbox="718 840 1129 929"> <p>MEASURE</p> </td> <td data-bbox="1129 840 1533 929"> <p>SETUP</p> </td> </tr> </table>				<p>OFF</p>	<p>MEASURE</p>	<p>SETUP</p>
							
<p>OFF</p>	<p>MEASURE</p>	<p>SETUP</p>					
<p>Platform</p>	<p>When using the hydrometer for the first time, it is linked to a user account on the mybrewmonk.eu platform. This is done using the e-mail address you provided.</p> <p>If no user exists for that address, one will be created and an e-mail with a password will be sent.</p> <p>In measuring mode, the hydrometer sends a data point to the platform every 15 minutes.</p>						
<p>Starting fermentation</p>	<p>By turning the hydrometer off and then back on in measuring mode, you can test whether data is being transmitted.</p> <p>The expected signals are:</p> <ul style="list-style-type: none"> • hydrometer turns on; • Wi-Fi connection established; • data transmission starts; • hydrometer turns off. <p>If a red light appears, something is wrong.</p> <p>If no red light is visible, the hydrometer can be placed in the fermenter. Click on 'Ferment' in the online platform and select your hydrometer.</p> <p>Red light after:</p> <ul style="list-style-type: none"> • Hydrometer turns on: startup error – contact Brew Monk® Support. • Wi-Fi connection: connection failed – the signal may be too weak or the settings incorrect. Always use a 2.4 GHz network. • Data transmission: sending failed – contact Brew Monk® Support. 						

Signals

Event	Category	Timeline / visual element	Description
	Not yet connected to the online platform		6 × green flashes
		Timeline / visual element	BMH turns off
	Connecting to the online platform		BMH turns on
			green flashing while configuring
	Connection successful. Standard measurement cycle		BMH turns on
			Wi-Fi connection
			Sending data
			BMH turns off
	Data transmission error		Red signal
	Battery low*		6 × red flashes
	Contact support		3 × red flashes

***Note:** this signal appears when the battery has less than 2 months of lifetime left. The brewer should recharge the battery.

Updating firmware

The firmware of the Brew Monk Hydrometer is regularly improved. By using the latest firmware version, you get the most out of your hydrometer.

Go to the online platform and select “Equipment” to check if an update is available for your hydrometer.

Follow the instructions on the online platform to install the update on your Brew Monk Hydrometer.