

BOOKOO ESPRESSO MONITOR Product Manual

The BOOKOO Espresso Monitor (EM for short) is a wireless pressure sensor device designed to monitor real-time pressure in coffee brewing. With this device, you can generate extraction curve graphs in a mobile application to obtain references for optimizing coffee extraction.

EM can also be paired with the Coffee Bluetooth Electronic Scale to obtain additional data such as flow rate, liquid weight, and pressure. We recommend using the BOOKOO THEMIS MINI coffee scale for better data processing results, and it is also compatible with Acaia and Felicia smart Bluetooth scales.

Efficient sharing of extraction curves and other related information can be done through posters, files, and other means, making coffee data sharing more convenient.

BOOKOO EM assists you in exploring the art of coffee extraction and improving coffee quality.

Disclaimer: This pressure sensor is a high-precision measuring device. Please adhere to the instructions outlined in this manual without deviation. This product's warranty does not cover damage caused by improper use.

1. Installation

- Compatibility
 - Compatible Devices (Direct Fit): Coffee machines with G1/8 thread such as Flair58, Cafelat Robot, La Marzocco GS3, ALM KOPi (all models), and other coffee equipment with G1/8 thread
 - Compatible Devices (Requires the M6 Adapter): E61 group head espresso machines and coffee machines with M6 thread and such as Lelit v3, Rocket R58, Profitec Pro 400, 500, 600, 700, ECM Puristika, Mechanika, Synchronika
 - Others: Devices with a pressure gauge can generally be used. It is recommended to seek professional guidance for any modification or retrofitting, ensuring proper sealing at the interface. The BOOKOO team is not responsible for any modification actions.
- Installation Steps
 - Use a wrench to remove the original pressure gauge, exposing the threaded port.
 - For devices with G1/8 thread, directly screw the EM pressure sensor onto

the port. For devices with M6 thread, connect the provided adapter before screwing on the EM pressure sensor.

- Notes
 - When connecting to a group head operating at 100°C, it is necessary to reduce heat transfer by using an adapter to ensure the EM operates within the normal working temperature.

2. APP

- Download

Search for "BOOKOO" in app stores for iOS and Android to download the application, or visit <https://app.bookoocoffee.cn> to download the app.

- Updates

「Menu-Setup- Version Management- Current App Version」 A red update prompt will be displayed if the new version is available.

- More Settings

「Menu-Setup」 You can personalize various settings and access information queries according to your preferences.

3. Bluetooth Connection

- Permission Settings

Upon first use of the app, please grant the necessary Bluetooth permissions to the app.

- Connection Methods

- Pop-up Connection: The app is set to open a pop-up for connection by default.
- Auto Connection: 「Menu - Setup - Basic - Device Settings - Automatic Connection」 When enabled, the app will automatically connect to the Bluetooth device upon opening.
- Manual Connection: By clicking the corresponding icon, you can enter the connection page, search for devices by pulling down the list, and click on the Bluetooth name to establish a connection.

4. Device Settings

On the manual Bluetooth connection page for the respective device, you can access exclusive settings for the device.

*Initial Pressure Threshold Setting (bar): This setting allows you to specify the pressure threshold at which the monitoring automatically starts when the detected pressure value reaches the set threshold.

5. Extraction

- Automatic Start/Stop

The extraction process automatically starts when the set initial pressure threshold is reached. It automatically stops when the pressure is detected to be at 0. You can configure extraction record-saving settings in 「Menu - Settings - Basic - Extraction Settings」.

- Manual Start/Stop

Click the start/stop button located in the upper right corner.

- Chart Display

Click on the corresponding parameters to show/hide the corresponding curves. Grayed-out icons indicate hidden curves. Long-press the coordinate axis allows for relevant settings. Additionally, in 「Menu - Setup - Basic - Chart Settings」, you can modify preset curve values, colors, and more.

- Follow Curve Extraction

- 「Menu - Preset」 Click the plus icon to set and save curves according to your needs. Click on the eye icon to set a preset curve as the background curve, which will be followed during extraction.

- 「Menu - History」 Select either Classic Curve or Historical Curve. Click on the eye icon to set the curve as the background curve, which will be followed during extraction.

- Editing Extraction Information

- 「Menu - Settings - Basic - Information Settings」 You can edit default extraction information.

- 「Menu - History」 Selecting a curve allows you to edit extraction information.

- Sharing Extraction

- 「Menu - History」 Select a curve and click the share icon in the upper right corner to share extraction information.

Warranty Policy

Thank you for purchasing our EM Pressure Sensor. We are committed to providing high-quality products and offer the following warranty policy for your purchase:

- The warranty period is one year from the date of purchase.

- The warranty covers failures caused by manufacturing defects or material issues. The warranty does not cover the following: damages caused by human factors, misuse, or accidents; unauthorized repairs or modifications; failures resulting from natural disasters, fires, floods, or other force majeure events.
- If a failure occurs within the warranty period, please follow the steps below to obtain warranty service:
 - Contact our customer service team and provide your purchase receipt, purchase information, product serial number, and the situation description.
 - We will guide you through the necessary troubleshooting steps. If remote support cannot resolve the issue, we may ask you to send the product to our repair center.
 - After evaluation, if the failure is non-human-caused, we will provide free repair or replacement of the product.
- Additional Notes:
 - Repairs or replacements within the warranty period will not extend the original warranty.
 - For failures caused by human factors or issues that arise after the first year of warranty, you can contact us for support. We will do our best to assist you in resolving the problem. Please note that repair services may incur certain fees depending on the severity of the damage.
 - The above warranty policy applies only to our EM Pressure Sensor product and may vary based on the country/region you are in. For more detailed information or any inquiries, please contact our customer service team. We are dedicated to providing assistance and answering your questions.

FCC Warning:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 0cm between the radiator and your body.