EM 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.
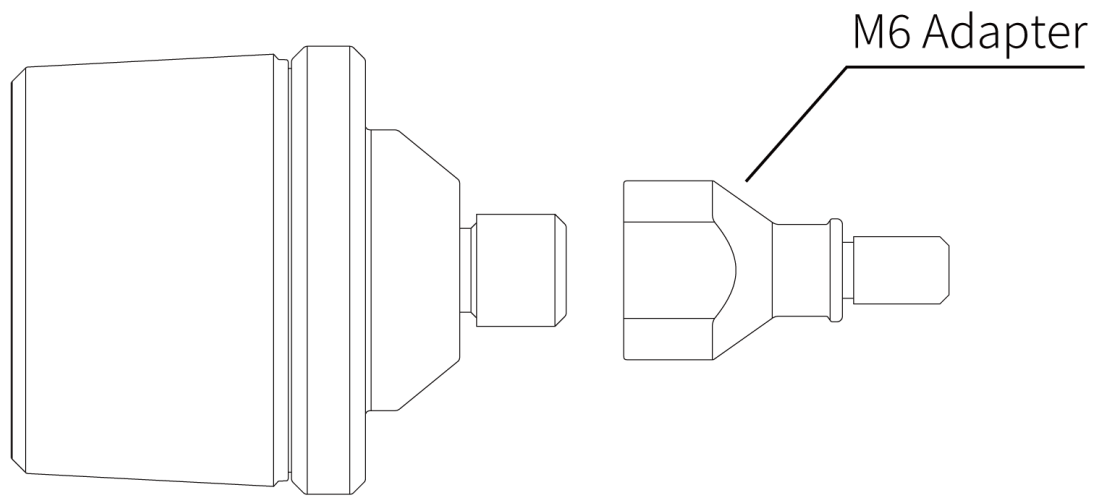
Basic Information

Specification	
Product Name	BOOKOO Espresso Monitor
Weight	120g
Material	Translucent plastic top cover, Food grade 304 stainless steel pressure plug
Joint thread	G1/8
Adapter thread	M6
Pressure range	0-15bar

Working environment	0-80℃
Battery capacity	450mAh
Charging port	TYPE-C
Theoretical standby time	180 days
Consecutive working hours	30 hours
APP	IOS、Android
How to download the app	Apple Store, Huawei AppGallery, Xiaomi App Store, and Google Play (coming soon), or through https://app.bookoocoffee.cn

- The continuous working time is the continuous Bluetooth connection time, the above number

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.

M6 Adapter

- 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.