

ProMeter PMT-0001 Bluetooth Pressure Gauge

Build for manual coffee maker or E61 machine or others, monitoring real-time pressure. Provides incredible brewing experience with connect to ProMeter App.



Features:

1. 2 build-in color theme (Dark and Light) and 5 display style, 4 display orientations for various display scenarios
2. Power saving settings especially battery mode (Brightness, Sleep mode etc.). Can be awake from specific pressure by setting wake up pressure.
3. Chart display Mode on PMT-0001 for Recording real-time brewing pressure curve, Start or reset chart by setting specific pressure value to triggered or manipulated on ProMeter app. Also PMT-0001 supports sending a User-defined reference pressure curve to reference while brewing espresso.
4. PMT-0001 supports connect to Bluetooth Scale for displaying real-time espresso weight on screen (Bluetooth Scale like Felicita, acaia, etc.)
6. Supports OTA upgrade firmware.

Specifications:

- 1.39-inch circular TFT screen with 360*360 resolution.
- Power supply: Type-C or 16340 chargeable 3.7v lithium battery (battery not included). When powered by Type-C, it can charge the internal 16340 lithium battery (when the pressure gauge switch is turned on).
- Case material: Nylon, specific material depends on the production batch.
- Sensor operating temperature range: -20°C ~ 100°C (for temperatures above 100°C , please use an appropriate extension interface before the threaded connection).
- Sensor main body material: 304 stainless steel.
- Installation thread: G1/8 (for other installation threads, such as G1/4, G1/8, M6, please contact customer service or use an adapter).
- Maximum range: 16 Bar (range can be customized for an additional fee).

- Measurable medium: Water.
- Can be used with the ProMeter App.
- Bluetooth mode: BLE5.0 (Low Energy).
- Battery life: 1200mAh > 180 minutes (at medium brightness, for reference only, actual values depend on the usage environment).
- Dimensions:
 - Length: 63mm, Width: 58mm, Height: 37mm, Weight: approx. 72g (excluding battery).
 - *Dimensions may vary due to subsequent component size changes, please confirm with customer service.

Packaging Specifications:

- Sensor body *1, Food-grade silicone sealing ring *2.

App Download:

- iOS: Search for ProMeter on the App Store.
- Android: Contact customer service or visit the official website: <http://prometer.cn>.

Installation Instructions:

1. Unscrew the back cover, insert the 16340 chargeable 3.7v lithium battery ensuring correct polarity (spring side connects to the negative terminal), then screw the back cover on tightly.
2. Check if the threaded port has an O-ring seal and if the seal is intact. If the seal is damaged or incomplete, replace it immediately.
3. Wrap the threaded port with an appropriate amount of PTFE tape (high-temperature resistant PTFE tape is recommended) to ensure adequate sealing so the screen can be properly oriented for display.
4. Using Flair 58 as an example, unscrew and remove the original pressure gauge, then screw in this product, tightening it adequately to ensure no water leakage during extraction operations.

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 20cm between the radiator and your body.