USER MANUAL

Pressensor wireless pressure sensor for E61

Installation, battery, app and troubleshooting



At a glance

Fits	Espresso machines with an E61 group head and M6 thread for a pressure sensor/gauge
Measures	Group head pressure, sent wirelessly via Bluetooth to your phone
Battery	1 × CR2032 coin cell
App	Pressensor app for iOS and Android (free)
Weight	approx. 159 g

In the box

- Pressensor pressure sensor
- Gasket
- This user manual (digital)

1. Safety

⚠ Do not touch the machine or the sensor while hot.
⚠ Do not install or remove the sensor while the machine is under pressure.
⚠ Pressure must never exceed 20 bar.
⚠ Switch off, unplug and let the machine cool down completely before you start.

2. Installing on an E61 group head

1. Make sure the machine is cold and free from pressure before starting.
2. Locate the E61 group head – the part of the machine where the coffee is brewed.
3. Find the hole on the group head where the sensor is installed (M6 thread, normally plugged or used by a gauge/flow control).
4. Place the supplied gasket on the sensor. It creates a tight seal.
5. Carefully screw the sensor into the hole and tighten securely – do not use excessive force.
6. Test the sensor: brew a cup and check that pressure is shown in the app. Check for leaks around the sensor.

> If it leaks or shows no pressure: check that it is tightened properly and that the gasket is in place. If the issue persists, contact us.

3. Inserting and replacing the battery – start here

- The sensor uses one standard CR2032 battery.
- We recommend a high-quality battery – weak batteries may not be able to operate the sensor.
- Replacing the battery is easy; see the battery video on our product page.

4. Getting started with the app

The app records pressure from the Pressensor and weight from a Bluetooth scale (optional), and draws pressure and flow as curves you can read, compare and share.

1. Download the Pressensor app (iOS/Android) and switch on Bluetooth. The sensor is always discoverable while it has power – nothing to switch on.
2. Open the app with the machine idle. Sensor and scale should show «Connected» on their own.
3. Enter your dry dose and press «Set» so the app can calculate brew ratio.
4. Choose the pressure that means the shot has started, switch «Auto» on and put the phone down.
5. Brew as usual. Recording starts on pressure and is saved automatically when the pump stops.

Reading the curve

- Teal is pressure (bar), coral is flow (grams per second).
- Drag across the graph to see time, pressure and flow at any instant.
- Key numbers: average flow, peak pressure, final weight, brew ratio and total time.
- Name your good shots and use them as a reference brew next time.

5. Troubleshooting

The sensor will not connect	Check the battery first. A powered sensor is always discoverable – if it never appears, it is flat, out of range or already connected to another device.
Pressure does not sit at zero	Zero the sensor in the app while the machine is idle. It reads gauge pressure, so the zero point is a reference you set – not a fault.
Recording starts on a flush	Raise the autostart threshold above your flush pressure, or switch «Auto» off and start by hand.
Leak at the sensor	Switch off and let the machine become cold and pressure-free. Check the gasket and retighten the sensor.

Need help?

Tea & Coffee Shop, Lillemarkens, Kristiansand · teaandcoffee.no · Test videos and installation are on the product page. Manufacturer: pressensor.com · info@pressensor.com