



BEAN BOB

Portable Espresso Maker

English User Manual · Model CF-H03Pro

Charging, preparation, extraction, troubleshooting, care and safety.

Product specifications

Product model	CF-H03Pro
Dimensions	Ø68.3 mm · 254 mm long cup · 232.3 mm short cup
Pump pressure	Maximum 20 bar
Charging time	Approximately 2.5 hours
Water tank	65 ml maximum · 50 ml espresso · 35 ml ristretto
Coffee powder	8–10 g
Extraction time	Approximately 40 seconds
Heating	Room-temperature water to 92°C / 198°F in 2.5–4 minutes
Battery	3 × 2500 mAh or 3 × 2600 mAh
Charging mode	USB-C with QC/PD fast-charging support
Recommended charger	18 W minimum, supporting 9 V / 2 A

Product parts

- Lid; water tank; main body; USB-C charging port; power button; LED indicator.
- Pressure chamber; coffee scoop; portafilter lid; portafilter basket.
- Capsule adapter; short or long cup.
- Optional accessories may include a flat stand or arched stand. The long cup can serve as the extraction support. Do not extract directly into the short cup without a stand.

Quick start

1. Charge fully

Charge the machine with a compatible USB-C adapter.

2. Disassemble

Remove the cup, pressure chamber and coffee adapter from the main body.

3. Load coffee

For capsules, press a Nespresso-compatible capsule firmly into the capsule adapter. For ground coffee, fit the portafilter basket, add approximately 8 g and press it flat before securing the lid.

4. Fit the adapter

Place the loaded capsule adapter upside down in the pressure chamber, or fit the prepared portafilter assembly.

5. Attach securely

Screw the pressure chamber firmly onto the main body.

6. Position the cup

Use the long cup as a support or use a suitable cup with the optional flat or arched stand.

7. Add water

Add hot water or room-temperature water, then replace the lid.

8. Start extraction

Unlock with a 1.5-second press. Follow the hot- or room-temperature method below.

Coffee preparation

Capsules

- Use Nespresso-compatible capsules or capsules of the same size.
- Press the capsule firmly into the adapter.
- Check that the adapter is correctly seated and the pressure chamber is tightly screwed onto the main body.

Ground coffee

- Use approximately 8 g. Too much or too little affects quality.
- Use particles larger than 0.45 mm; very fine coffee can clog the machine.
- Fit the basket correctly, tamp evenly and secure the portafilter lid.

Extraction methods

Using hot water

With water at 92°C or above, hold the power button for 1.5 seconds to unlock the machine, then hold for 2 seconds to start extraction. The green light flashes downward while extracting.

Using room-temperature water

Press the power button briefly to start heating and extraction. The red indicator flashes upward while heating. When extraction temperature is reached, the light turns green and flashes downward while extracting.

Press the power button during heating or extraction to stop.

Water quantities

- 35 ml water produces approximately 25 ml ristretto.
- 50 ml water produces approximately 40 ml espresso and is recommended for best results.
- 65 ml maximum produces approximately 55 ml coffee.

Estimated extractions per full charge

- 35 ml room-temperature water: approximately 5–7 heated cups.
- 50 ml room-temperature water: approximately 4–5 heated cups.
- 65 ml room-temperature water: approximately 3–4 heated cups.
- Water at 92°C: more than 400 extractions may be possible because heating is not required.
- Always use purified water.

Extraction overload

If yellow lights flash and the machine stops: stop immediately, unscrew and readjust the pressure chamber. Too much coffee, an incorrectly sized or deformed capsule, or an obstruction may have triggered overload protection. Repeated forced extraction can damage the machine.

Battery level and indicator lights

Before use, press and hold the power button for 1.5 seconds to check the remaining battery level.

Indicator	Meaning
One red light	Low battery; charge.
One yellow light	Enough for extraction only, not heating.
Two or more green lights	Enough for heating and extraction.
Four green lights	Fully charged.

Troubleshooting

Issue	Indicator	Cause	Solution
No heating	One red flashing	Low battery	Charge immediately.
No heating	Four yellow flashing	Dry-boil protection	Check that the tank contains water.
No heating	Four red steady/on-off	Component malfunction	Contact after-sales service.
No extraction	One red flashing	Low battery	Charge immediately.
No extraction	Four yellow flashing	Extraction overload	Use coarser coffee or tamp less; readjust and retry.
No charging response	No indicators	Battery overheating	Cool before charging.
No charging response	No indicators	Incompatible adapter	Use a compatible 18 W+ 9 V / 2 A adapter.
No response to long press	No indicators	Battery overheating	Cool before use.
No response to long press	No indicators	Circuit-board damage	Contact after-sales service.

Continuous heating may raise battery temperature and trigger automatic shutdown. Allow the machine to cool. Pause for 30 minutes between every three consecutive heating cycles.

Leaks, poor crema or brewing failure

Ground coffee

- Use approximately 8 g and do not overfill.
- Tamp evenly before securing the lid.
- Verify that the portafilter basket is installed correctly.
- Confirm that the pressure chamber is securely fastened.

Capsules

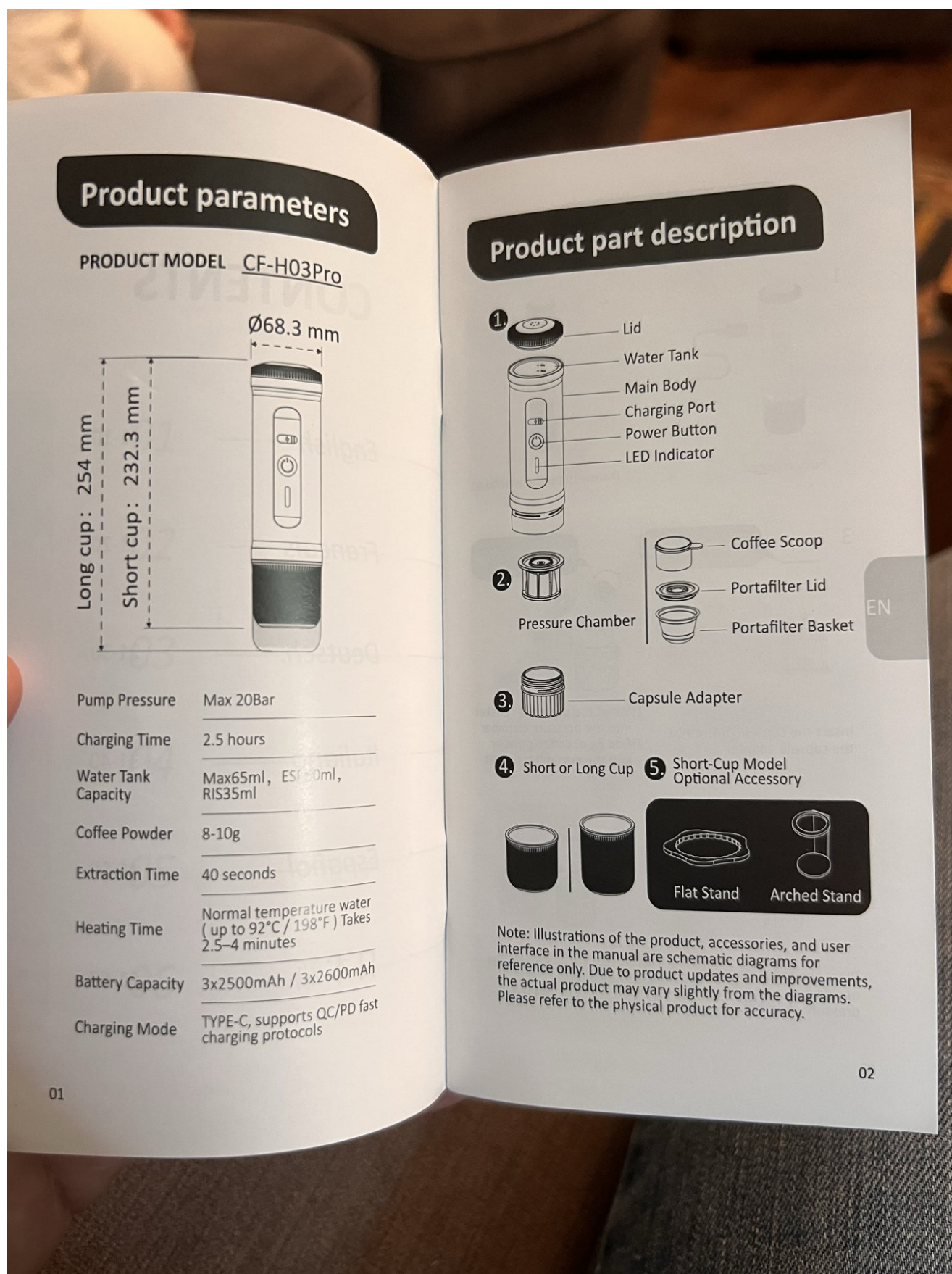
- Press the capsule firmly into the adapter.
- Check that the adapter is properly seated inside the pressure chamber.
- Screw the pressure chamber tightly onto the main body.

Care and safety

- Fully charge before long-term storage.
- Clean only with a slightly damp cloth. Never rinse directly or submerge the unit.
- Never open the lid during extraction.
- Wait a few minutes after extraction before removing used grounds or capsules.
- Do not tilt the machine during operation.
- The capsule compartment contains blades; take care during cleaning.
- If charging fails, use an adapter rated at least 18 W with 9 V / 2 A support.
- If overheating protection activates, allow the device to cool before charging or reuse.

Original illustrated guide

The following supplied English manual spreads are included for visual reference.



How to use

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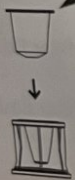
Fully charged

2



Disassemble the machine

3



For coffee capsule

Insert the capsule firmly into the capsule adapter



For coffee powder

- 1) Insert the portafilter basket into the pressure chamber
- 2) Add 8g of coffee powder into the portafilter basket

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Place the capsule adapter upside down into the pressure chamber



- 1) Press the coffee powder flat with the scoop
- 2) Cover portafilter lid tightly

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Attach the pressure chamber securely to the main body

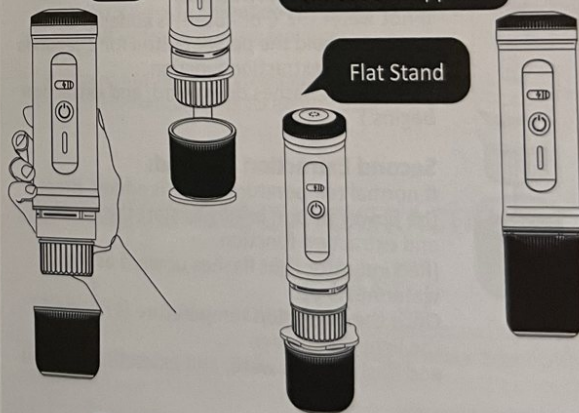
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Arched Stand

Long-Cup Model:
The cup serves as an extraction support.

Flat Stand

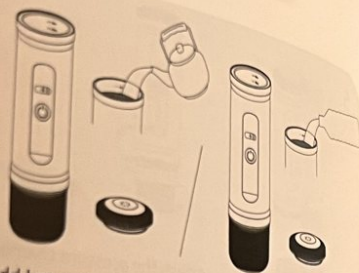
Hand



Place the main body above the coffee cup
(Stands are not included as free accessories; The long cup model can be used as a stand directly. For the short cup model, please do not extract from the cup.)

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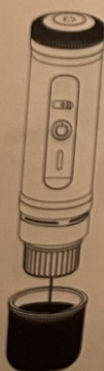
7



Add hot water

Add normal temperature water

8

**Power On the Machine**

Press and hold the power button for 1.5 seconds to unlock the machine.

First Extraction Method:

If hot water (92°C or above) is added, press and hold the power button for 2 seconds to start the extraction function. (Green light flashes downward, and extraction begins.)

Second Extraction Method:

If normal temperature water is added, press the power button briefly to start the heating and extraction function. (Red indicator light flashes upward as the water heats up. Once the extraction temperature is reached, the light turns green and flashes downward, and extraction begins.)

*Press the power button during heating or extraction to stop the process.

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**TIPS**

1. Add one spoon (8g) of coffee powder. Too much or too little will affect the taste and quality of the coffee liquid.
2. It is recommended to use coffee powder with particles larger than 0.45mm. If it is too fine, it may cause the machine to get clogged.
3. Please use Nespresso or capsules of the same size.

4. If the yellow light flashes and the machine stops during extraction, immediately unscrew the pressure chamber component and re-adjust. The reason is that there is too much coffee powder, the capsules are too large or too small, or the capsules are deformed, triggering the extraction overload protection. If you forcibly continue the extraction and the protection is triggered multiple times, it may damage the machine!

5. If the pressure chamber is not tightened, the extraction may fail or there may be leakage.
6. There are blades in the capsule compartment. Be careful when cleaning to avoid cuts.

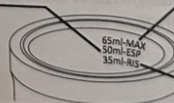
SINGLE/DOUBLE CUP EXTRACTION

50ML

Add 50ml water to extract one 40ml cup of coffee.

MAX

Fill to maximum capacity (65ml) to make 55ml coffee (approximately 2 ounces).



35ml water to extract one 25ml cup of espresso.

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Troubleshooting table

ISSUE	INDICATOR LIGHTS	POSSIBLE CAUSES	SOLUTIONS
No Heating	Single red light flashing	Low Battery	Charge immediately
	Four yellow lights flashing	Dry Boil Protection	Check if water tank has water
	Four red lights steady on/off	Component Malfunction	Please contact after -sales service
No Extraction	Single red light flashing	Low Battery	Charge immediately
	Four yellow lights flashing	Extraction Overload	The coffee powder are too fine or pressed too tightly. Please adjust and re-extract
No Charging Response	No indicators	Battery Overheating	Cool down before charging
	No indicators	Incompatible Adapter	Replace adapter
No Response to Long-press Button	No indicators	Battery Overheating	Cool down before use
	No indicators	Circuit Board Damage	Please contact after -sales service

Important Notes:

Continuous use of the heating function may cause excessive battery temperature, triggering the protection mechanism and resulting in automatic shutdown. The device may not power on or charge in this state.

The coffee maker will resume normal operation after cooling down. We recommend pausing for 30 minutes between every three consecutive heating cycles.

Attention

Extraction Capacity:

For the best espresso, use 50ml of water per extraction.

On a Full Charge:

- 1) With 35ml of normal temperature water, the machine can heat and extract 5-7 cups of espresso.
- 2) We recommend using 50ml of normal temperature water per extraction, allowing 4-5 cups per charge.
- 3) If using 65ml of normal temperature water, the machine can heat and extract 3-4 cups per charge.
- 4) With 92°C hot water, the machine can directly extract >400 cups (no heating required).

(Always use purified water.)

How to Prevent Leaks/Poor Crema (Brewing Failure):

a. For Coffee Powder

- 1) Check if too much coffee powder is used (8g recommended). Ensure powder are properly tamped before securing the lid.
- 2) Verify the portafilter basket is correctly installed.
- 3) Confirm the pressure chamber is securely fastened.

b. For Coffee Capsules

- 1) Ensure the capsule is firmly pressed into the capsule adapter.
- 2) Check the capsule adapter is properly seated in the pressure chamber.
- 3) Make sure the pressure chamber is tightly screwed onto the main body. (Improper tightening may cause extraction failure.)

Important Notes:

- 1) Fully charge the battery before long-term storage to prevent damage.
- 2) Clean only with a slightly damp cloth. Never rinse directly with water or submerge the unit.
- 3) Never open the lid during extraction to avoid burns.
- 4) Allow a few minutes after extraction before removing used grounds/capsules to prevent scalding.
- 5) Do not tilt the machine during operation.

If Charging Fails:

- 1) Please switch to an adapter compatible with the device. Recommended specifications: Charger power $\geq 18W$ (9V/2A). If a charger rated below 18W or one that does not support 9V/2A is used, charging may fail or require significantly longer time.
- 2) Check whether overheating protection has been triggered. Allow the device to cool down before attempting to recharge.

Battery Level Indication:



- One red light: Low battery, requires charging.
- One yellow light: Sufficient for extraction only, not for heating.
- Two or more green lights: Sufficient for both heating and extraction.
- Four green lights: Fully charged.

(Before use, press and hold the power button for 1.5 seconds to check the battery level. Ensure that at least two segments remain.)