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Subminimal NFPRO-02-BL-US

Subminimal NanoFoamer Pro Gen-2 Instruction Manual

Model: NFPRO-02-BL-US

INTRODUCTION

Welcome to the world of cafe-quality microfoam at home with your new Subminimal NanoFoamer Pro Gen-2. This device is engineered to produce smooth, velvety microfoam for your coffee beverages, suitable for both dairy and plant-based milks. Please read this manual thoroughly before first use to ensure proper operation and maintenance.

IMPORTANT SAFETY INFORMATION

- Read all instructions before using the appliance.
- Do not immerse the electrical base or cord in water or other liquids. The jug is IPX-5 splash-resistant, but the electrical base is not.
- Ensure the voltage rating on the appliance matches your local power supply.
- Keep out of reach of children. This appliance is not intended for use by persons with reduced physical, sensory, or mental capabilities.
- Always unplug the appliance from the power outlet when not in use and before cleaning.
- Do not operate any appliance with a damaged cord or plug, or after the appliance malfunctions or has been damaged in any manner.
- Use only attachments recommended or sold by the manufacturer.
- Avoid contact with moving parts.
- Do not use outdoors.
- Do not place on or near a hot gas or electric burner, or in a heated oven.
- Do not use the appliance for anything other than its intended use.

PRODUCT OVERVIEW

The NanoFoamer Pro Gen-2 is designed for ease of use and superior microfoam production. Key features include an impeller height adjuster, splash resistance, and optimized temperature control.



Figure 1: NanoFoamer Pro Gen-2 overview, highlighting smooth microfoam and compatibility with dairy and plant-based milks.

Key Components:

- **NanoFoamer Pro Jug:** The main vessel for heating and frothing milk.
- **Power Base:** Provides power and heating to the jug.
- **Impeller:** The rotating component that creates microfoam.
- **Impeller Height Adjuster:** Allows fine-tuning of the impeller's position.
- **Flow Controllers:** Interchangeable inserts (Black, Blue, Green) to adjust aeration for different milk types.
- **Lid:** Transparent lid with a secure seal.

SETUP

1. **Unpack:** Carefully remove all components from the packaging.
2. **Clean:** Before first use, wash the NanoFoamer Pro jug, lid, and impeller with warm soapy water. Rinse thoroughly and dry. Do not immerse the power base in water.
3. **Place Power Base:** Position the power base on a stable, flat, heat-resistant surface near a power outlet.
4. **Connect Power:** Plug the power cord into the power base and then into a suitable electrical outlet.
5. **Insert Impeller:** Ensure the impeller is securely placed inside the jug.
6. **Choose Flow Controller:** Select the appropriate flow controller for your milk type (see 'Operation' section for guidance) and place it inside the jug.

OPERATION

The NanoFoamer Pro Gen-2 offers precise control over your microfoam. Follow these steps for optimal results:

1. Choosing a Flow Controller

Flow controllers tweak the spinning vortex to adjust for varying viscosities of milk types. Experiment to find which best suits your milk.



Figure 2: Flow controllers for different milk types. Black for dairy, blue and green for milk alternatives.

- **Black (Slow Flow):** Recommended for dairy milk. This prevents excessive aeration on easy-to-foam milk types.
- **Blue (Medium Flow):** A good starting point for plant-based milks.

- **Green (Fast Flow):** For plant-based milks that require more aggressive aeration.

Fine-Tuning Flow Controller:



Figure 3: Guidance for adjusting flow controllers based on aeration and microfoaming results.

- **During Aeration Stage:** If milk is not aerating enough, switch to a faster flow controller (e.g., from Black to Blue, or Blue to Green) to open up the vortex and allow more air in.
- **During Microfoaming Stage:** If you hear rips of aeration or too much foam, try a slower flow controller (e.g., from Green to Blue, or Blue to Black) to close up the vortex.

2. Adjusting Impeller Height (Ultrafine Tuning)

The revolutionary impeller height adjuster allows you to raise or lower the impeller by 0.4mm with each click. This fine-tunes the vortex for the ideal magnetic balance, making even tricky milk alternatives manageable.



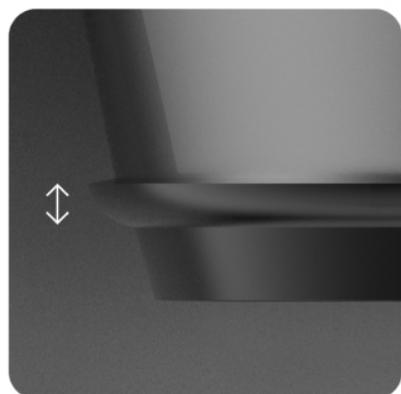
SPLASH PROOF

Reengineered to IPX-5 standards for greater convenience, and peace of mind when cleaning.



HOTTER DRINKS

The final temperature has been raised by 5°C to 70° (155°F) for those who like a hotter drink. (+/-3°)



HEAT DIFFUSION

A thicker wraparound heat diffuser gently warms the milk to minimize hot spots and scalding.

Figure 4: Adjusting the impeller height for ultrafine tuning of the microfoam.

- Lower the impeller for tiny drinks.
- Raise it for milk alternatives.

3. Selecting a Program

Choose from 5 different programs depending on the size of your drink and your desired foam thickness.



Figure 5: New features of NanoFoamer Pro Gen-2, including finer microfoam and hotter drinks.

- The NanoFoamer Pro Gen-2 features improved vortex control and reduced aeration times on programs 1 & 2 for even finer foam on smaller drinks.
- The final milk temperature has been raised by 9°F (5°C), reaching up to 158°F (70°C) for hotter beverages.

4. Frothing Milk

1. Pour milk into the jug, ensuring it is below the 'MAX' fill line.
2. Place the lid securely on the jug.
3. Place the jug onto the power base.
4. Press the power button to select your desired program. The device will begin frothing automatically.
5. Once the program is complete, the device will stop. Carefully remove the jug from the base.
6. Pour your perfectly frothed milk into your coffee.



Figure 6: Pouring microfoam from the NanoFoamer Pro Gen-2. Synchronize milk frothing with espresso preparation for optimal results.

CLEANING AND MAINTENANCE

Regular cleaning ensures the longevity and performance of your NanoFoamer Pro Gen-2.

Daily Cleaning:

1. **Rinse Immediately:** After each use, rinse the jug, lid, and impeller under running water. This prevents milk residue from drying and sticking.
2. **Wash Jug:** The NanoFoamer Pro Gen-2 jug is IPX-5 splash-resistant. It can be safely cleaned under running water. Use a soft sponge and mild detergent if necessary.
3. **Clean Impeller and Flow Controller:** Remove the impeller and flow controller and wash them thoroughly.
4. **Dry:** Ensure all parts are completely dry before reassembling or storing.

CHOOSING AND FINE TUNING FLOW CONTROLLER ACCORDING TO YOUR MILK TYPE



FROM BLACK

→ **Upgrade** to the blue flow controller if you don't see a good vortex forming and need more aggressive aeration.



FROM BLUE

→ **Upgrade** to the green flow controller if you need more aggressive aeration.

← **Downgrade** to the black flow controller if you are getting rips of aeration in the final microfoaming stage.



FROM GREEN

← **Downgrade** to the blue flow controller if you are getting rips of aeration in the final microfoaming stage.

← **Downgrade** to the blue flow controller if you are getting too much foam during the aeration stage.

Figure 7: The NanoFoamer Pro Gen-2 is IPX-5 splash-resistant for easy cleaning under running water.

Important Notes:

- Never fully submerge the electrical power base in water.
- Do not use abrasive cleaners, scouring pads, or harsh chemicals, as these can damage the surface and internal components.
- The upgraded seal engineering and thicker heat diffuser minimize milk residue, making cleaning quick and effortless.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No foam or poor quality foam	Incorrect milk type or temperature Wrong flow controller selected Impeller height not optimized Insufficient milk quantity	Use fresh, cold milk. Experiment with different milk types. Adjust flow controller (see 'Operation' section). Adjust impeller height (see 'Operation' section). Ensure milk is between MIN and MAX fill lines.
Milk not heating	Jug not properly seated on base Power issue	Ensure the jug is correctly placed on the power base. Check if the power cord is securely plugged in.
Device stops unexpectedly	Overheating protection activated Loose connection	Allow the device to cool down before restarting. Ensure the jug is properly seated and power connection is secure.

Problem	Possible Cause	Solution
Loud noise during operation	Impeller not properly installed Foreign object in jug	Check and re-install the impeller correctly. Ensure the jug is free of any foreign objects.

SPECIFICATIONS

- **Model:** NFPRO-02-BL-US
- **Brand:** Subminimal
- **Material:** Stainless Steel
- **Item Weight:** 1.9 pounds
- **Package Dimensions:** 9.49 x 7.6 x 5.59 inches
- **Water Resistance:** IPX-5 (Jug only)
- **Maximum Temperature:** Up to 158°F (70°C)

WARRANTY AND SUPPORT

Subminimal provides a limited warranty for this product against defects in materials and workmanship under normal use. For specific warranty terms, registration, or technical support, please visit the official Subminimal website or contact customer service. Keep your purchase receipt as proof of purchase.