

TOPCHANCES A03

A03 Manual Paste Liquid Filling Machine User Manual

Model: A03 | Brand: TOPCHANCES

INTRODUCTION

This manual provides detailed instructions for the safe and efficient operation, setup, maintenance, and troubleshooting of your TOPCHANCES A03 Manual Paste Liquid Filling Machine. Please read this manual thoroughly before operating the machine to ensure proper usage and to prevent damage or injury.

The A03 machine is designed for filling various liquid and paste materials, suitable for small to medium-sized enterprises, laboratories, hospitals, and beauty parlors. Its simple and robust design ensures convenient manual operation without the need for external power.

PRODUCT OVERVIEW

The TOPCHANCES A03 Manual Paste Liquid Filling Machine is a compact and efficient device for precise filling of various viscous and non-viscous liquids. Key features include:

- **Versatile Filling:** Capable of filling both liquid and paste materials, including creams, shampoos, cosmetics, oils, and food products.
- **High-Quality Materials:** All parts that come into contact with the filling material are constructed from 316L stainless steel, ensuring resistance to acid, alkali, oil, and corrosion, meeting food and pharmaceutical health requirements.
- **Manual Operation:** Simple and reasonable structure allows for convenient manual operation without requiring electricity or other energy sources.
- **Adjustable Filling Volume:** Equipped with a filling volume regulator knob for quantitative discharging, allowing manual control over filling rate and speed.



Figure 1: Overview of the A03 Manual Paste Liquid Filling Machine. This image shows the complete assembly of the machine, including the stainless steel hopper, the main body, and the manual lever for operation.

PACKAGE CONTENTS

Upon unpacking, please verify that all the following components are included:

- 1 x A03 Manual Filling Machine (main unit)
- 2 x Nozzles (one 4mm, one 8mm)
- 1 x Seal Ring (spare)
- 1 x Screwdriver
- 4 x Wrenches
- 1 x User Manual (this document)



Figure 2: Components included in the A03 Manual Filling Machine package. This image displays the machine packed in its cardboard box, along with the main unit, hopper, and various tools and accessories.

SETUP

Follow these steps to set up your A03 Manual Paste Liquid Filling Machine:

1. **Unpacking:** Carefully remove all components from the packaging. Inspect for any visible damage during transit.
2. **Base Placement:** Place the main machine body on a stable, flat, and level surface. Ensure there is enough space around the machine for operation and maintenance.
3. **Hopper Assembly:** Attach the stainless steel hopper to the top of the main machine body. Ensure it is securely fastened to prevent leaks during filling.
4. **Nozzle Installation:** Select the appropriate nozzle (4mm or 8mm) for your filling material and attach it to the filling outlet. Ensure it is tightened to prevent dripping.
5. **Initial Cleaning:** Before first use, thoroughly clean all parts that will come into contact with the filling material using a suitable cleaning agent, especially the hopper and nozzles. Rinse thoroughly with clean water and dry.



Figure 3: Disassembled components of the A03 machine. This image shows the hopper detached from the main body, illustrating how the parts fit together during assembly.

OPERATING INSTRUCTIONS

Follow these steps for operating the A03 Manual Paste Liquid Filling Machine:

1. **Adjusting Filling Volume:** Locate the filling volume regulator knob (often a screw or lever mechanism). Turn the knob to adjust the desired filling volume between 0-50ml. A test fill is recommended to calibrate the exact volume.



Figure 4: Close-up of the volume adjustment mechanism. This image highlights the knob or lever used to set the desired filling volume for each dispense.

2. **Loading Material:** Pour the liquid or paste material into the hopper. Ensure the material is free of large particles that could clog the nozzle.
3. **Positioning Container:** Place the container (bottle, jar, etc.) to be filled directly under the filling nozzle.
4. **Initiating Fill:** Pull down the manual operating lever firmly and smoothly. This action draws material from the hopper into the cylinder and then dispenses it through the nozzle into your container.



Figure 5: The A03 machine ready for operation. This image shows the machine with the hopper attached and the manual lever in position, indicating readiness for filling.

5. **Completing Fill:** Release the lever. The machine will reset for the next fill cycle.
6. **Repeat:** Repeat steps 3-5 for subsequent containers.

Important Safety Note:

- Always wear appropriate personal protective equipment (PPE) such as gloves and eye protection, especially

when handling chemicals or hot liquids.

- Do not overfill the hopper.
- Ensure the machine is stable and cannot tip over during operation.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your A03 Filling Machine:

- **Daily Cleaning:** After each use, especially when changing materials, thoroughly clean the hopper, cylinder, and nozzles. Disassemble parts as needed for complete cleaning. Use warm soapy water for general cleaning, and appropriate solvents for specific materials if necessary. Rinse thoroughly and dry.
- **Lubrication:** Periodically apply food-grade lubricant to moving parts, such as the piston and lever mechanism, to ensure smooth operation.
- **Seal Inspection:** Regularly inspect the seal ring for wear and tear. Replace it if cracks or damage are visible to prevent leaks. A spare seal ring is included in the package.
- **Storage:** When not in use, store the machine in a clean, dry environment, away from direct sunlight and extreme temperatures.



Figure 6: Close-up of the filling nozzle and base. This view is important for understanding where to clean and inspect for wear.

TROUBLESHOOTING

Here are some common issues and their solutions:

Problem	Possible Cause	Solution
Inconsistent Filling Volume	Air bubbles in material; Volume adjustment knob loose; Worn seal ring.	Ensure material is free of air; Tighten volume adjustment knob; Inspect and replace seal ring if necessary.
Material Leaking from Nozzle	Nozzle not tightened; Damaged nozzle or seal; Material too thin.	Tighten nozzle securely; Inspect and replace damaged parts; Consider using a thicker nozzle or adjusting material viscosity if possible.

Problem	Possible Cause	Solution
Machine Difficult to Operate (Lever Stiff)	Lack of lubrication; Material residue buildup.	Clean and lubricate moving parts; Thoroughly clean cylinder and piston.
No Material Dispensed	Hopper empty; Nozzle clogged; Piston stuck.	Refill hopper; Clear nozzle obstruction; Inspect and free piston.

SPECIFICATIONS

Parameter	Value
Filling Range	0-50ml (Adjustable)
Hopper Capacity	10kg
Filling Mouth Diameter	7mm (inner) x 8mm (outside)
Filling Accuracy	±1%
Compatible Filling Materials	Cream, Shampoo, Cosmetic, Lube, Fluid Food, etc.
Machine Dimensions (L*W*H)	270mm * 270mm * 700mm
Material Contact Parts	316L Stainless Steel

WARRANTY AND SUPPORT

For warranty information and technical support, please contact TOPCHANCES customer service. Details may be found on the product packaging or the official TOPCHANCES website.

Manufacturer: TOPCHANCES

ASIN: B01LZQQFU4

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Please have your model number (A03) and ASIN (B01LZQQFU4) ready when contacting support.

