

## LeTkingok CSY-L15

# LeTkingok CSY-L15 Automatic Liquid Filling Machine User Manual

Model: CSY-L15

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## 1. INTRODUCTION

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Thank you for choosing the LeTkingok CSY-L15 Automatic Liquid Filling Machine. This device is designed for precise and efficient dispensing of various viscous liquids, including honey, sesame paste, sauces, edible oils, and glues. It features a weighing-type automatic filling system for high accuracy and ease of use. Please read this manual thoroughly before operation to ensure safe and optimal performance.

## 2. SAFETY INSTRUCTIONS

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Always follow these basic safety precautions to reduce the risk of fire, electric shock, or injury:

- Ensure the power supply matches the machine's requirements (AC 110V).
- Do not operate the machine with wet hands or in damp environments.
- Keep the machine away from heat sources and direct sunlight.
- Do not immerse the main unit in water or any other liquid.
- Always unplug the machine before cleaning, maintenance, or if it will be unused for an extended period.
- Keep children and unauthorized personnel away from the operating machine.
- Use only original or approved replacement parts and accessories.
- If any damage is observed, discontinue use immediately and contact customer support.

## 3. PACKAGE CONTENTS

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Verify that all items are present in the package:

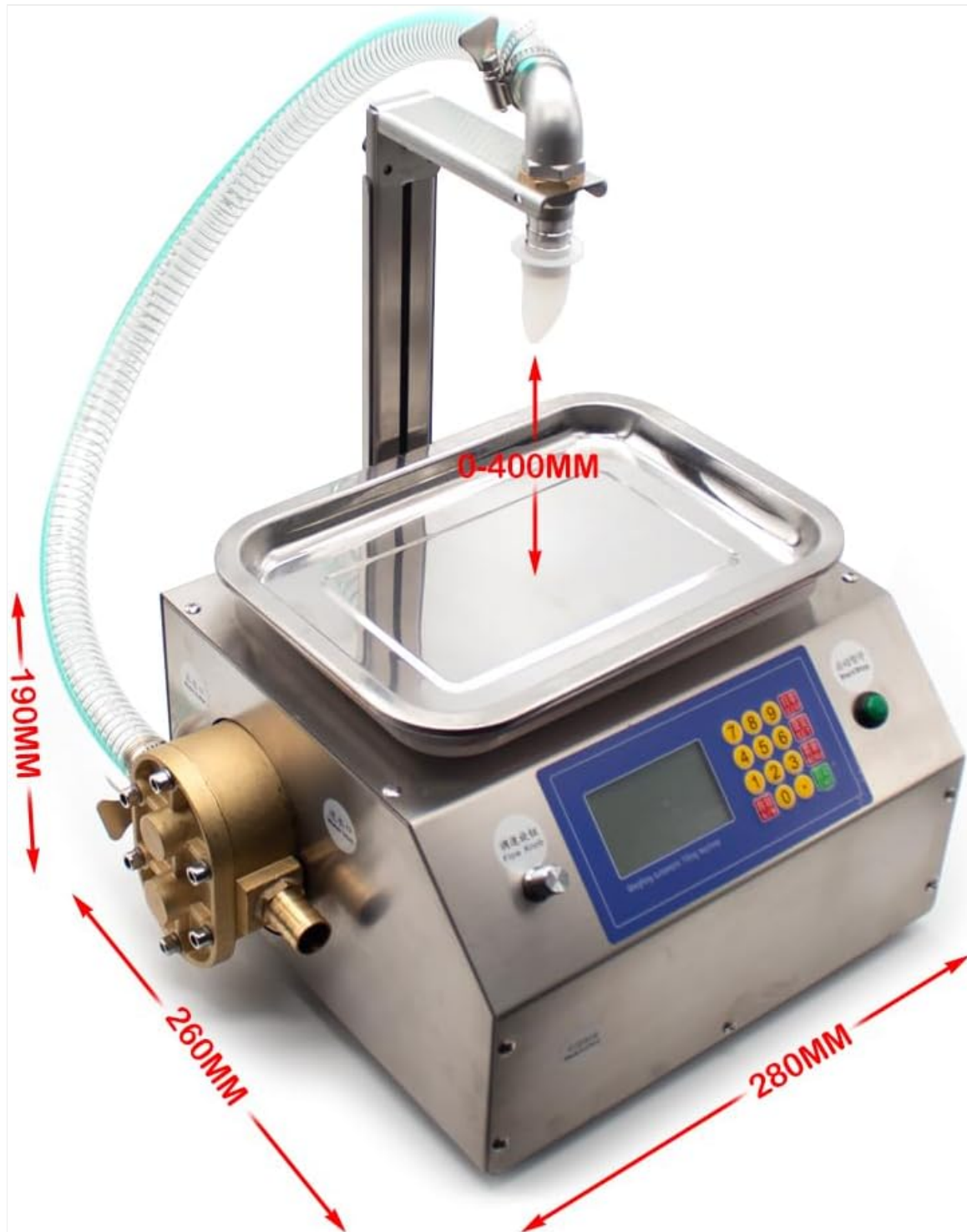
- 1 x LeTkingok CSY-L15 Automatic Liquid Filling Machine (Main Unit)

- 1 x Inlet Pipe (PVC steel wire hose, 1.5M length)
- 1 x Outlet Pipe (0.8M length)
- 1 x Power Cable
- 1 x User Manual (This document)

## 4. PRODUCT OVERVIEW

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Familiarize yourself with the components of your filling machine.



**Figure 4.1:** Front view of the CSY-L15 machine with key dimensions. The machine measures approximately 280mm in width, 260mm in depth, and 190mm in height (excluding the filling arm). The adjustable filling head height ranges from 0-400mm.



**Figure 4.2:** Close-up of the control panel and stainless steel weighing platform. The control panel features a digital display and a numeric keypad for setting parameters.

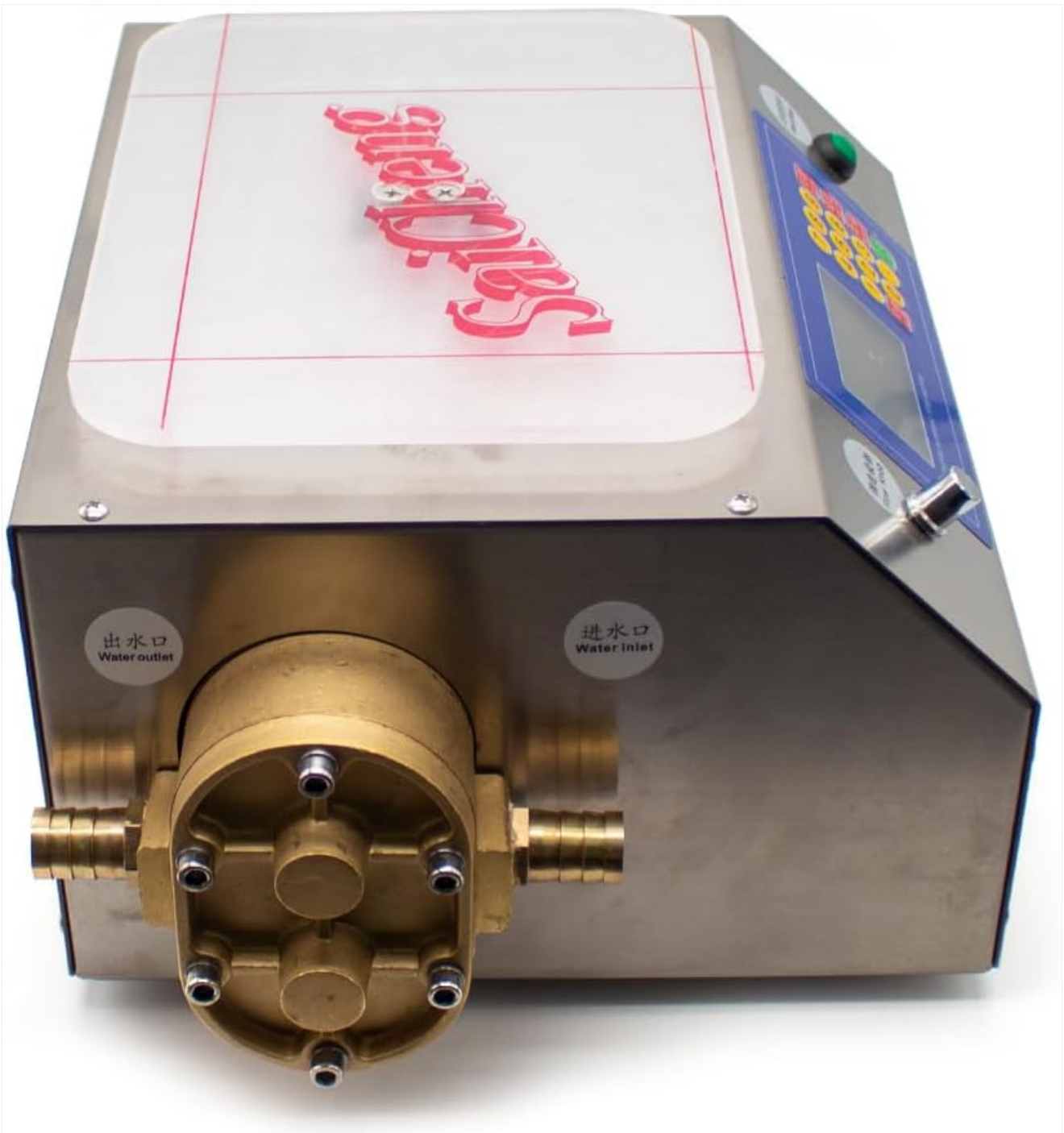


Figure 4.3: View of the gear pump assembly with clearly marked 'Water Inlet' and 'Water Outlet' ports for hose connection.

## 5. SETUP

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Follow these steps to set up your filling machine:

1. **Unpacking:** Carefully remove all components from the packaging. Retain packaging for future storage or transport.
2. **Placement:** Place the main unit on a stable, level, and clean surface. Ensure adequate ventilation around the machine.
3. **Connect Inlet Pipe:** Attach the longer PVC steel wire hose (1.5M) to the 'Water Inlet' port on the gear pump. Secure it firmly with a clamp if provided. Place the other end of the inlet pipe into your liquid supply container.
4. **Connect Outlet Pipe:** Attach the shorter hose (0.8M) to the 'Water Outlet' port on the filling head. Ensure it is securely fastened.
5. **Adjust Filling Head Height:** Loosen the knobs on the vertical support rod to adjust the filling head to the desired height (0-40CM) above your containers. Tighten the knobs to secure the position.

6. **Power Connection:** Connect the power cable to the machine's power input and then plug it into a grounded AC 110V power outlet.

## 6. OPERATING INSTRUCTIONS

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The CSY-L15 machine features an intuitive control panel and automatic functions for efficient filling.

### 6.1. Basic Operation

1. **Power On:** Flip the power switch to the 'ON' position. The display will illuminate.
2. **Set Filling Weight:** Use the numeric keypad on the control panel to input your desired filling weight (e.g., 500 for 500g). Confirm the setting.
3. **Place Container:** Place an empty container on the weighing platform. The machine will automatically tare (zero out) the container's weight.
4. **Start Filling:** The machine will automatically begin filling once the container is tared.
5. **Automatic Slowdown:** As the filling amount approaches the set target, the machine will automatically slow down to ensure high precision.
6. **Automatic Stop:** Filling will automatically stop once the target weight is reached.
7. **Remove Container:** Remove the filled container. The machine will automatically reset for the next container.

### 6.2. Automatic Features (Five Automatics)

The CSY-L15 is designed with five key automatic functions to streamline your filling process:

- **Automatic Tare:** Place a bottle, and the machine automatically subtracts its weight.
- **Automatic Start:** Filling commences automatically after the tare process.
- **Automatic Slowdown:** The filling speed reduces as the target weight is approached for enhanced accuracy.
- **Automatic Stop:** Filling ceases precisely when the programmed amount is dispensed.
- **Automatic Reset:** After removing a filled bottle, the system automatically resets for the next cycle.



**Figure 6.1:** Example of the CSY-L15 machine in operation, accurately filling honey into a container.

# One machine for multiple purposes, suitable for a variety of products

Suitable for 20g-10kg common liquids and viscous liquids



Figure 6.2: The CSY-L15 is suitable for a wide range of viscous liquids, including honey, tahini, edible oils, engine oil, lubricating oil, and various glues.

## 7. MAINTENANCE

Regular cleaning and maintenance will prolong the life of your machine.

- **Daily Cleaning:** After each use, especially when changing liquids, flush the pump and hoses with clean water or an appropriate cleaning solution compatible with the previously dispensed liquid.
- **Exterior Cleaning:** Wipe the exterior of the machine with a damp cloth. Do not use abrasive cleaners or immerse the main unit in water.
- **Pump Inspection:** Periodically inspect the gear pump for any blockages or wear. Clean as necessary.
- **Hose Inspection:** Check hoses for cracks, leaks, or blockages. Replace if damaged.
- **Storage:** When not in use, store the machine in a clean, dry place away from direct sunlight and extreme temperatures.

## 8. TROUBLESHOOTING

Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Machine does not power on	Power cable not connected; Power switch off; No power from outlet	Check power cable connection; Turn power switch ON; Test outlet with another device
Liquid not dispensing	Inlet pipe blocked or kinked; Pump malfunction; Liquid supply empty	Check and clear inlet pipe; Inspect pump for issues; Refill liquid supply
Inaccurate filling weight	Weighing platform unstable; Incorrect weight setting; Air bubbles in liquid	Ensure stable surface; Verify weight setting; Debubble liquid if possible
Machine does not tare automatically	Sensor obstruction; Malfunction	Ensure nothing is touching the platform before placing container; Contact support if issue persists

If the problem persists after attempting these solutions, please contact LeTkingok customer support.

## 9. SPECIFICATIONS

<b>Product Name</b>	Professional Honey Quantitative Filling Machine
<b>Model</b>	CSY-L15
<b>Input Voltage</b>	AC 110V
<b>Power</b>	200W
<b>Filling Range</b>	20G - 80KG
<b>Weighing Range</b>	10KG
<b>Weighing Graduation Value</b>	2G
<b>Pump Type</b>	Gear Pump
<b>Pump Flow</b>	7L/MIN
<b>Filling Error</b>	≤2G
<b>Filling Head Size</b>	20MM Duckbill Valve
<b>Filling Height</b>	0-40CM (Adjustable)
<b>Water Pipe Material</b>	PVC Steel Wire Hose
<b>Inlet Pipe Length</b>	1.5M
<b>Outlet Pipe Length</b>	0.8M
<b>Host Size</b>	28 x 26 x 19 CM (approx.)
<b>Packing Weight</b>	14KG

## 10. WARRANTY & SUPPORT

LeTkingok products are manufactured to high-quality standards. For warranty information, technical support, or service inquiries, please refer to the contact information provided at the point of purchase or visit the official LeTkingok website. Please have your model number (CSY-L15) and purchase date available when contacting support.

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