

# USER MANUAL

## Escalator Handrail Cleaning Machine



## Introduction

In daily life, escalators have become the main transport links. Every day, we need to face huge transportation pressure. The escalator handrail will become a large number of bacteria and flu pathogens. Therefore, the cleaning of the escalator handrail must be taken seriously.

In addition, the frequent occurrence of elevator accidents is also one of the issues that need attention. In the event of an accident, the escalator handrail is the only fulcrum that can support the body's balance. However, at present, a large number of people do not hold the handrails tightly while riding the escalator. The main reason is that the escalator handrail does not have a comprehensive plan for regular daily disinfection.

Therefore, our company has developed a handrail cleaner, a non-motorized, simple and practical cleaning device. The use of engineering rubber brackets, equipped with negative microfiber cleaning pads, combined with high-efficiency disinfectant, on the premise of extending the rubber life of the armrest, remove dirt and bacteria, and has a disinfection effect. Provide a clean environment for major public places.

## Application

Dry escalators in various places, it is prohibited to work on outdoor escalators when it rains.

## Machine characteristics

- Continuous disinfection and cleaning of escalator handrails.
- Specially designed microfiber cleaning pad deeply cleans dirt and bacteria in the armrest.
- Non-motorized, no need to take power, safe and simple cleaning system.
- Suitable for various escalators in different places.
- Extend the life of handrails to reduce high maintenance and replacement costs.
- Continuous disinfection time up to 72 hours.

## Technical parameters

Product name: LP-750 Escalator Handrail Cleaning Machine

Voltage : 12V

Electric current : 1A

Battery capacity : 1800mah

Pump flow : 1.5L/min

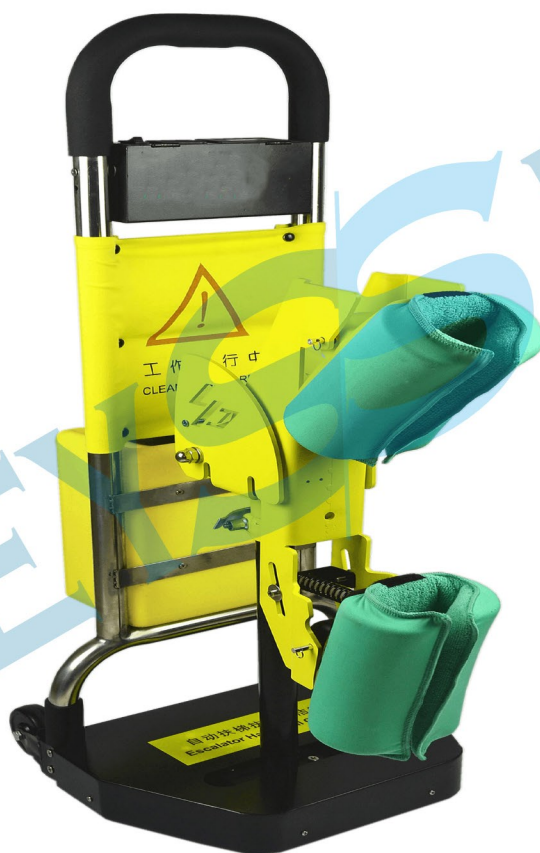
Pump size : 90mm\*40mm\*35mm

Pressure : 3mpa

Weight : 20kg

## Equipment composition

### Host body



### Rocker

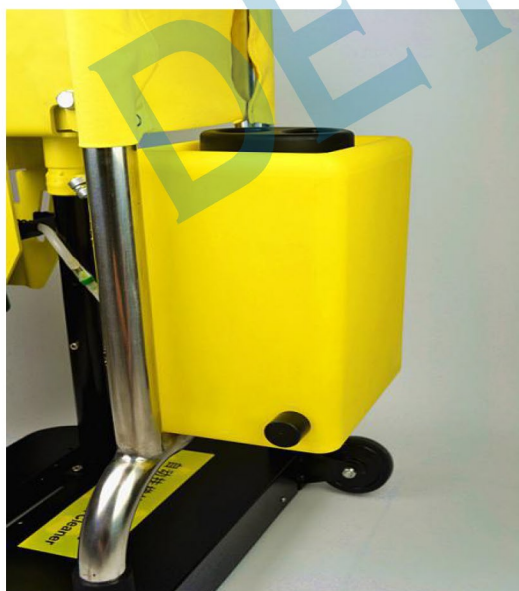




Control panel



Detergent water tank



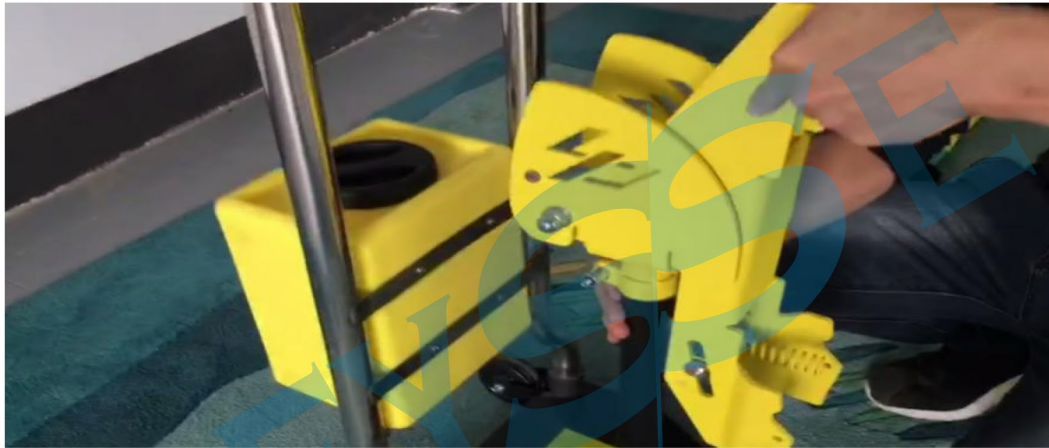
Manual cleaning arm: cleaning stainless steel cylinder



## Machine use steps

### Machine assembly

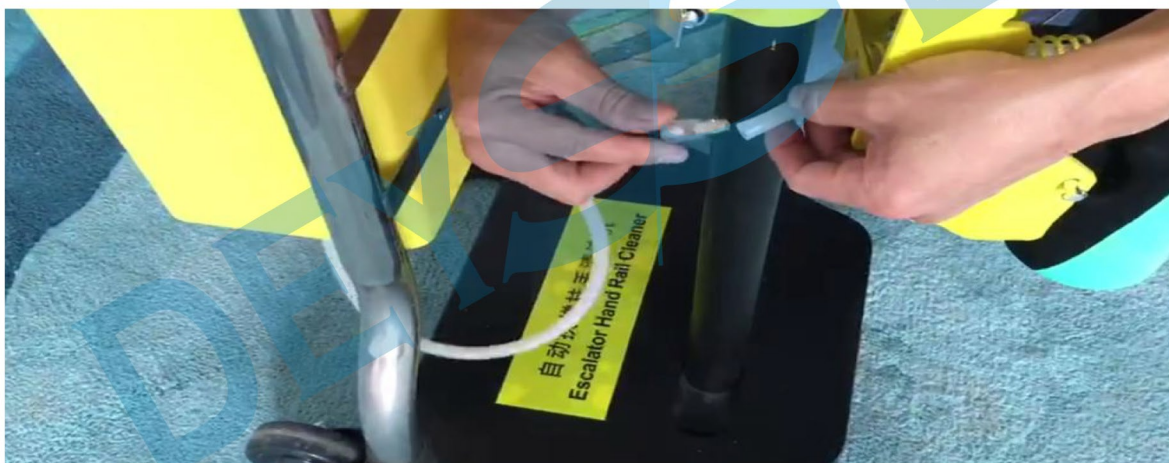
#### ① Install the rocker



#### ② Install the under wrapper



#### ③ Installation of water pipes





④Install the above wrapper



Adjust the panel usage mode



**Machine placement requirements:** When the automatic step ladder is running upward, the step ladder cleaner must be placed under the step ladder for cleaning, and when the automatic step ladder is running downward, the step ladder cleaner must be placed above the step ladder for cleaning.

Add water to the clean water tank, add disinfectant according to the instructions.

Move the machine to the armrest and adjust the swing arm to the appropriate height. First put the lower wrap rubber into the handrail of the elevator, and then put the upper wrap rubber into the handrail.

After inserting, turn on the machine. Into the working state, regular spray disinfection.



## Precautions

- ① Before each operation, check whether the pipeline is blocked to ensure that the water spray can work normally.
- ② After cleaning, clean the fiber cleaning cloth, detach it, wash it and dry it, and leave it for reuse. According to the use of the cloth, replace it with a new fiber cloth and put it into use.
- ③ After cleaning, drain the water tank. Avoid crystallization of sanitizing solution to block pipes.