

Rapid Smoke Machine

2025\12\10



- ★ Please read this instruction manual carefully before use.
- ★ Please be sure to keep it properly for any unforeseen needs.

▲ **Precautions**

- Do not disassemble or repair without permission.
- Before connecting the power supply, ensure that the power voltage matches the rated voltage of the equipment.
- Large amounts of smoke will be generated during use. It is recommended to use outdoors.
- When used indoors, limit operating time and ensure proper ventilation.
- It is recommended to place it on the ground and direct the spray upward.
- It is recommended to use high-quality professional consumables to avoid potential clogging or suboptimal performance.
- The equipment must not be used for purposes other than those for which it was designed.
- This product features an IPX3 water resistance rating against rain, but it is strictly prohibited to immerse it in water.

▲ **preface**

Thank you for choosing our company's product. We recommend carefully reading the instruction manual first, as it will help ensure your safety while using the device, maximize the device's performance, and extend its service life. Please use the device only in accordance with the rules and instructions provided in this manual. If you have any questions about its usage, please contact our company.

▲ **Disclaimer:**

The company shall not be held liable for accidents and damages caused by the following:

- 1: Ignore the warnings displayed on the product or in this document.**
- 2: for purposes other than those described in this text.**
- 3: Changes in the product, non-original parts, inadequate maintenance, etc.**
- 4: Unauthorized disassembly of equipment resulting in accidents or damage.**
- 5: Misuse of equipment.**

▲ Functional Features

- High-speed airflow-assisted technology ensures powerful smoke output.
- Instant Stop Control Technology, Instant Start-Stop.
- IPX3 Waterproof Rating.
- Stainless steel housing extends equipment service life.
- Double nozzle smoke output, delivering full and dense smoke columns.
- Switch between Chinese and English menus freely.
- 5L fuel tank reduces the need for frequent refueling.
- Use SP-HF30 dedicated smoke fluid for excellent performance.

▲ Product Introduction

SP-H4 Rapid Smoke Column Machine adopts high-speed airflow-assisted technology to achieve explosive column effects, featuring rapid smoke emission with a jet height of approximately 15 meters. Equipped with dual nozzles, it produces fuller smoke columns. With an IPX3 waterproof rating, it ensures stable operation even in complex environments such as rainy conditions.

▲ Technical Specifications

Product Name	Rapid Smoke Machine
Scope of Application	Indoor, Outdoor
operating voltage	AC100-240V
Power	3700W
Control method	DMX512、Buttons、 Remote Control
External Dimensions	43*30*42cm (Excluding Oil Pot)
Net weight (without fuel)	30KG
Oil tank capacity	5L
Maximum continuous output time	15 秒
DMX channel	6 channels
Spray Angle	Vertically Upward
Spray Height	15 meters
Housing Material	Stainless Steel



▲ Electrical Control Panel

1. Nozzle
2. Oil Can
3. Display Screen
4. Fuse
5. LED lamp beads
6. 3-core DMX512 signal input
7. 3-core DMX512 signal output
8. Power switch
9. Power Input
10. Engine mount

▲ LCD Display Operation Panel



▲ Button function

“MENU”: Option button

“UP”: DMX channel 0-255

“DOWN”: DMX channel 0-255

“ENTER”: Save, Confirm

DMX console control: 6 channels in total

Channel 1: Smog work Channel 2: Red light

Channel 3: Green light Channel 4: Blue light

Channel 5: Light flicker Channel 6: Gradient lighting

▲ Quick Operation Guide

- 1、 Install the product horizontally on the ground or a sturdy support frame. If installed on a truss, a safety lock must be added.
- 2、 Plug in the power cord and signal cable, turn on the power, and the machine will automatically warm up at this time.
- 3、 Add an appropriate amount of e-liquid to the tank and close the lid.
- 4、 Adjust the address code and connect to the DMX controller.
- 5、 After the display screen shows "Ready to Complete", console channel 1 can control the spraying.

After the machine cools down, unplug the power cord and signal cable, wipe off any water stains and dust from the surface of the machine, and pack it in the original cardboard box or flight case to prevent any damage from impact.

Maintenance and Upkeep

- 1、 It is recommended to operate the equipment at least once a month to maintain optimal performance and condition.
- 2、 After use, pour out and properly store the e-liquid from the device's material bin, and draw an appropriate amount of clean water through the device to clean the oil pump.
- 3、 When not in use, the fuel tank lid should be covered, and it should be stored in a cool and dry place, away from moisture and direct sunlight. It is recommended to pack it in the original paper box (aviation case).
- 4、 The fuel tank should be kept dry at all times, and no debris such as dust or leaves should enter. Additionally, no unrelated liquids other than designated consumables should be added to the tank.
- 5、 Do not allow any foreign objects to fall above or inside the nozzle, as this may result in equipment damage.

Warranty Instructions

- ▲ Sincerely thank you for choosing this product. As our valued customer, you will receive high-quality after-sales service provided by our company.
- ▲ One-year warranty, and if quality issues occur within seven days of leaving the factory, the product can be replaced with the same model.
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- ★ None of the following cases shall be covered by the warranty service:
 - 1、 Misuse, improper maintenance, or man-made damage.
 - 2、 Unauthorized disassembly, modification, or repair.
 - 3、 Due to external causes (lightning strike, water immersion, etc.)
 - 4、 Damage caused by improper installation or use by the user.
 - 5、 Blockage and damage caused by the use of inferior fog oil.
- ★ Out-of-warranty repair services are provided for a fee.