



PRODUCT: CO2 JET MACHINE

MODEL: H-C07

USER MANUAL



VERSION 2.0

DISCLAIMER

WARNING

Read this manual carefully before installing and/or using this product. Failure to read the manual and to follow the printed instructions may lead to personal injury and/or damage to the product.

1.FORWARD

Congratulations! Thanks for purchase from us.

This manual contains all information required for the intended use of the equipment. Deviation from the described intended use can result in a hazardous situation and/or property damage.

This manual includes notes and warnings on safe operation of the equipment.

2.LIABILITY

Accepts no liability for claims from third parties arising from unauthorised use, use other than that stated in this manual, and use other than in accordance with the General Conditions registered at the Chamber of Commerce.

Refer further to the General Conditions. These are available on request, free of charge.

Although considerable care has been taken to ensure a correct and suitably comprehensive description of all relevant components, the manual may nonetheless contain errors and inaccuracies.

Should you detect any errors or inaccuracies in the manual, we would be grateful if you would inform us. This helps us to further improve our documentation.




3.INTRODUCTION

3.1 DESCRIPTION AND APPLICATION OF THE CO2 JET

The CO2 Jet is intended to electronically blow white smoke plumes of CO2 from a distance. As soon as the CO2 leaves the cylinder through the CO2 Jet's secured high-pressure hoses, it converts into gas. This formation of gas is accompanied by a strong hissing sound and a solid white plume of smoke will be visible. The length of this plume is on average 8 metres. This depends on the air humidity: in case of a high degree of air humidity, the smoke plume will be larger and in case of a low degree of air humidity it will be smaller.

3.2 NECESSARY ACCESSORIES

The following parts belong to the CO2 Jet

		
Use Manual	Hose	CO2 Bottle (not include)



4. Product parameters:

Voltage	100-120V60HZ200-240V50HZ
Power	25W
Jetting distance	8-10 meters
Maximum pressure	1400Psi
Adjustment angle	110 degrees
Product size	218/149/398mm
Package size	31/26/42cm
Net weight	3.5kg
Gross weight	6kg
Control mode	electric control

5. SAFELY

The CO2 Jet has been designed and constructed in such a manner that it can be used safely. This applies to the use, the circumstances and the regulations as described in this documentation. Reading this documentation and following the instructions are therefore necessary for everyone who is authorised to work with the CO2 Jet. The CO2 Jet must be placed and used in surroundings that preferably:

- Have a relative humidity degree of no more than 75%.
- Are reasonably free of dust, corrosive gases and high concentrations of organic vapours.
- Are not situated in the vicinity of a source of vibration.



6. GENERAL SAFETY RULES

- Only use the CO2 Jet if there are no people, animals or other objects in the direction of the output within the output distance. The shooting direction is the direction in which the output pipe on the CO2 Jet is pointed. The output distance depends on the humidity in the air.
- Make sure that children, unauthorised people and animals do not obtain access to the CO2 Jet!
- Safety devices may not be removed or disabled.
- All required safety devices must be in good condition and function properly.
- Ensure sufficient lighting of the surroundings.
- Keep the workplace clean.
- Only authorised persons may carry out work with the CO2 Jet.

7. PREPARATIONS

Unpack the CO2 Jet. Dispose of the packaging material without harming the environment. Inspect the machine for any damage. If damage is noticed this must be reported to us.

8. INSTALLATION ILLUSTRATION

- Place the on a solid and even surface, Always make sure that there are no people within 3 metres of the CO2 Jet.
- In order to test it, you first need to check if the gas valve on the CO2 bottle is still in a closed position. Now you can check if the has been installed properly by switching the electricity on and off. if the system has been connected properly you will hear a clicking sound which is produced by the opening and closing of the magnetic valve in the CO2 Jet.
- Connect the high pressure CO2 hoses to the CO2 bottles. Firmly secure the couplings by hand. Place the CO2 bottles (liquid CO2 with dip pipe) on an even and solid surface. Place the bottles in such a position that the valve.

- opening does not point in the direction of persons or objects.
- Connect the hose to the CO2 Jet and let it click into place so it is firmly secure.
- When the system is properly connected you can open the valves of the CO2 bottles. Check for leaks.
- When the gas hoses are not properly connected gas can escape. If this is the case then turn the couplings tighter until gas is no longer escaping. The CO2 Jet is now ready for use.

9.Product Features

1. Independent research and development design appearance
2. Electric control is easy to operate

10.Packing list

1. A high-pressure tube (6 meters)
2. A manual
3. 1 power cord (1.5 meters)

11.Maintenance Matters

- 1.The gas tank must be put down and kept tilted or use special gas cylinders, otherwise the gas column fume machine can not start
2. Must ensure that the tube connection must not leak
3. When this product is not applicable, please seal the air column nozzle and steel valve core

12.Instructions for use

This product must not work at the specified voltage

This product must be connected to a safety standard power cord

Must be connected to a professional connection (e.g. power cord, gas hose)

The steel carbon dioxide tank must be operated according to regulations

Do not point the nozzle of the spraying machine at people



Confirm that the internal connection of the product is correct before connecting the power and carbon dioxide

The product is more effective with liquid medical carbon dioxide

This product warranty for one year, the following cases of damage is not in the free warranty

1. Incorrect transportation, installation
2. Private dismantling of the product
3. External factors, such as abnormal voltage, fire, etc.
4. Other force majeure such as lightning, earthquake, etc.

13.Operation method

1. Place the gas column machine in the corresponding position
2. Connect the gas tube and the gas tank
3. Open the valve of the gas tank
4. Put the gas tank down and keep it stable (if there is a special gas cylinder, there is no need to put it down)
5. Connect the valve cores at both ends of the line, one end tightly to the gas column machine, and the other end tightly to the neck core of the gas tank
6. Connect the gas column machine to the control panel
7. Before disassembly, first turn off the valve of the gas tank, the residual gas left in the tube will be sprayed out, and then cut off the power, and finally the gas tank will be separated from the machine

14.MAINTENANCE

To achieve the maximum service life of the CO2 jet you must regularly clean the CO2 jet and test if it is working correctly. Should the CO2 jet not work for some reason then please contact our company.

15.MALFUNCTION OBVIATES

• The CO2 Jet is leaking

Check if the coupling of the gas hose is connected properly to the coupling of the CO2 Jet. If it is not entirely secured then press it firmly. This is only possible

when there is no pressure on the hose. If the problem persists, then consult the technical service of us.

- **Only a small smoke plume is visible when the CO2 gas exits the CO2 Jet.**

Visibility can vary due to air humidity. The output will be more visible when there is high absolute air humidity.

- **There is no white smoke plume visible when the CO2 gas exits the CO2 Jet.**

You may not have the right carbon dioxide cylinders. Connect cylinders with liquid carbon dioxide and a dip pipe to the CO2 Jet. In some cases the dip pipe may be broken. In that case replace the carbon dioxide cylinder with another and inform your gas supplier about the cylinder with the defective dip pipe.

- **The CO2 Jet is still malfunctioning after troubleshooting**

Always contact your dealer or the technical service of our company first in case of uncertainties, questions about the CO2 Jet works or other issues with regard to the CO2 Jet.

16. Notes on use

1. The gas column fume machine must not exceed 10 seconds
2. The interval between 2 puffs must not be shorter than 5 seconds
3. When the power is turned on, it must be ensured that each accessory of the gas column machine is operable
4. If you need to connect the light console, please match 1 channel conventional light can be, no light library

This product high pressure tube, jet nozzle and steel wire is easy to damage, so it is not included in the free warranty



17.AFTER-SALE SERVICE

The warranty time is one year since the date of purchase, you may get help and solve way through our technical support at any time, and we could offer free

parts necessary to repair products. One of the following conditions not covered under warranty:

1-Because the consume ruse, maintenance, transportation, damage caused by improper storage;

2-Non designated personnel to repair the damage caused by the disassembly of products;

3-Because of damage caused by force majeure Abnormal voltage, such as fire, earthquake, tsunami, debris flow;

4-More than the warranty period.

* if found quality problems please contact sales center or after sale service, do not disassemble, due to quality problems caused by self-disassembly or accident, the company will not bear any responsibility.