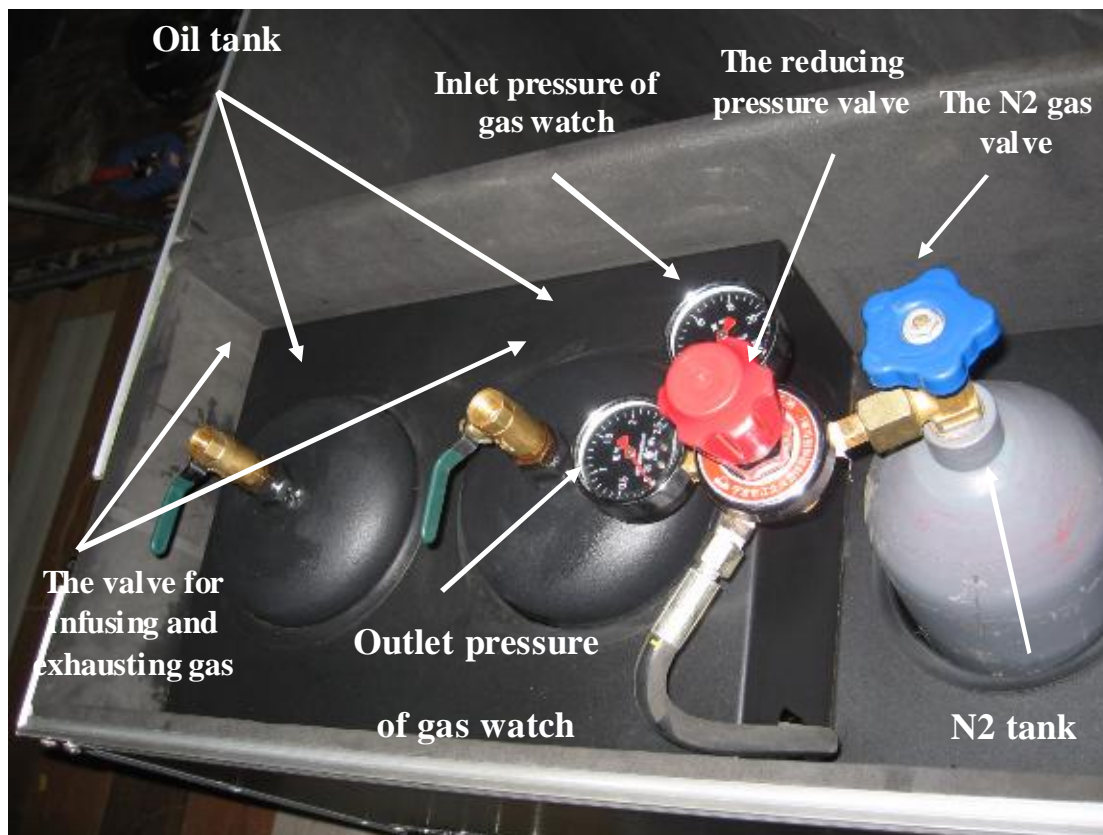


# LARGE FLAME MACHINE MANUAL

## 一、 The structure of the oil tank



## Instruction

### The valve for infusing oil and exhausting gas :

Function: Input the oil and let the inner gas out to release gas pressure.

Opening position:



Turning off position :



### **The concrete operation way to infusing oil as following:**

First please opening the infusing oil vale and then infusing oil to the oil tank until it overflow the tank to turning off the valve.

### **The concrete operation way to release the remaining gas in the tank:**

Please make sure the valve for infusing and exhausting is opened before you infuse the oil or after finishing your flame show.

**Pay attention: It is forbidden to operate the valve of infuse and exhaust oil when it is working.**

### **OIL TANK : 10L (capacity)**

Storing fuel (kerosene): Please top up the oil tank with fuel before

Working, the regular working pressure is 0.6 ~ 0.8 Mpa.

### **GAS TANK: 7 L (capacity)**

Storing high pressure propellant gas (nitrogen gas or co2), the regular working pressure is 10 ~ 15Mpa.

### **GAS VALVE :**

It is used for switch on/off propellant gas, when working it is opened, when finishing or recharge gas it is off.

### **REDUCING VALVE**

It is used to adjust the outlet pressure of gas, please adjust it to regular working pressure (0.6 ~ 0.8Mpa) when working.

### **INLET PRESSURE OF GAS WATCH**

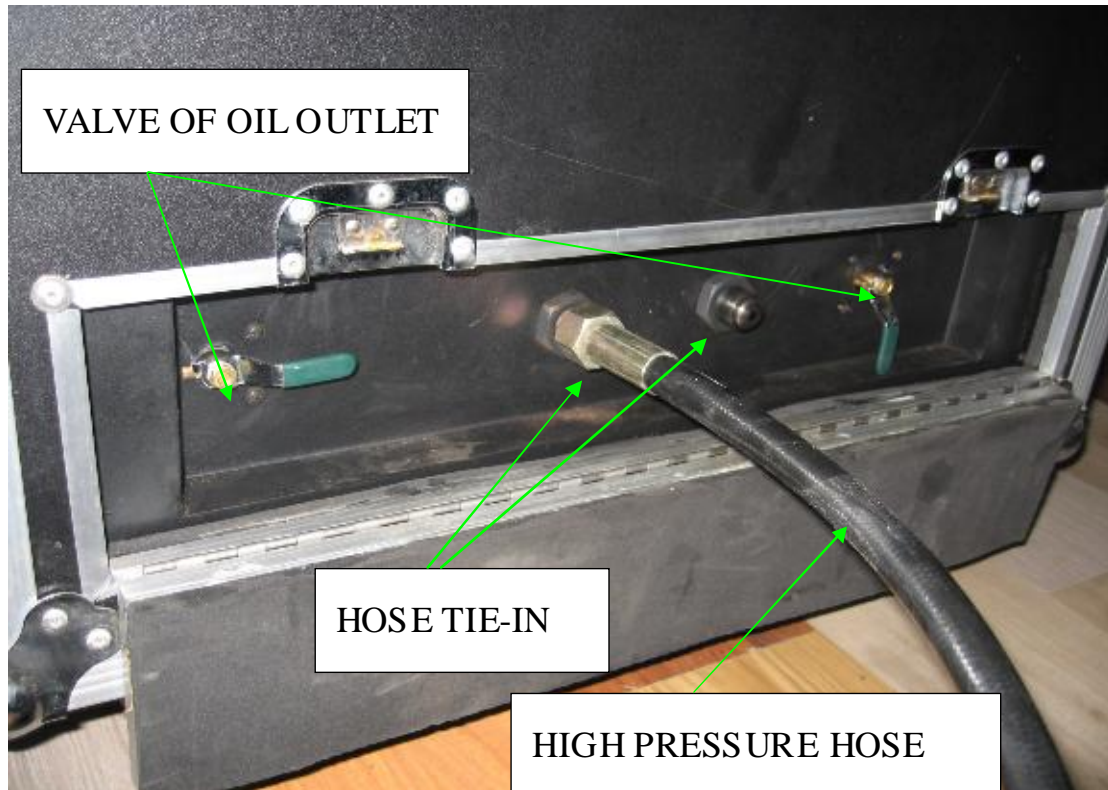
It is used to keep watching the pressure of gas inside gas tank.

## OUTLET PRESSURE OF GAS WATCH

It is used to keep watching the outlet pressure of gas from gas tank.

## 二、 PONTES

### Host parts:



### VALVE OF OIL OUTLET

Switching on/off to control the high pressure oil out, opening when Working, finishing work or maintaining close it.

### HOSE TIE-IN

High pressure oil output interface, there are 2 interfaces to offer oil to 2 spray units, the high pressure hose to connect from interface to spray unit.

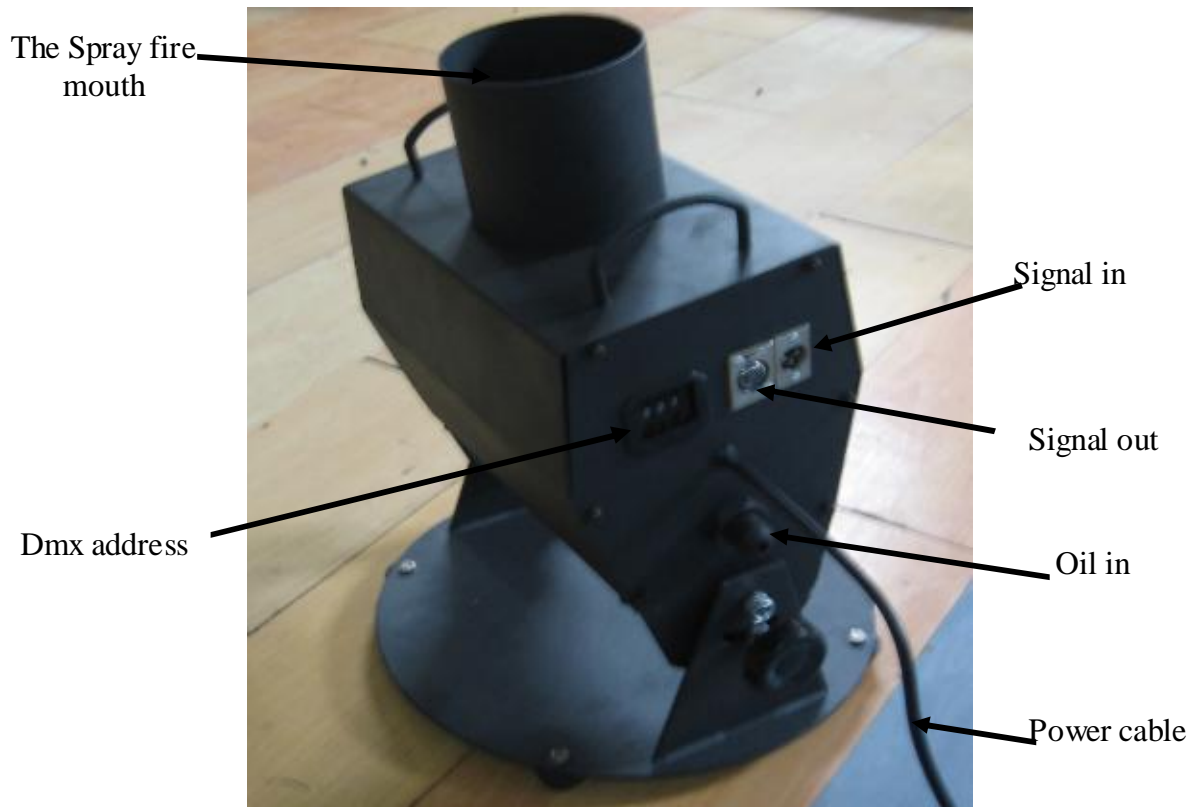
The parameter of hose:

The metric system M22 \*1.5

The front of the hose is globe structure.

### 三、 SPRAY UNIT

#### STRUCTURE:



#### SPRAY FIRE MOUTH

The high pressure fuel is out from here, please make sure put the unit vertically, and it is forbidden to allow any flammable goods or people or animal staying within 10 meters.

#### DMX ADDRESS DIPS

To set the unit dmx address, from 001 to 511, u can adjust it as your requestion.

#### SIGNAL IN/OUT

DMX signal interface, standard 3 pin XLR, 2, 3 pin are for dmx signal.

## OIL IN:

The fuel is input through the high pressure hose between the oil tank and the spraying fire unit.

Parameters: the metric system M22\* 1.5.

The interface of connector is globe structure. globe structure.

## POWER IN

AC 220 V Power in, 110V available when request

## CONNECTION OF SYSTEM

