

Packing List

No.	Description		QTY	UNIT
01	Mist generator	Mist generator (metal pipe)	1	Pcs
02	Control box	Ignitor and receiver	1	Pcs
03	Pump		1	Pcs
04	Pesticide tank	1L	1	Pcs
05	mount	Mist sprayer mount*2 gas tank mount*1		
06	Clean tool	30CM steel wire *2	2	Pcs
07	User manual		1	Pcs

Product introduction

1.1 A21L01 mist generator was designed for agricultural drone for pest control.

1.2 Features



药液低温雾化



360度无死角覆盖



设备远程遥控



药液附着性强



节省农药50%以上
节约用水100%



设备安全易安装和维护

- 1) Modular design , convenience for maintenance ;
- 2) Seperate ignitor box ;
- 3) Support ignition by remote;
- 4) save pesticide 50% than traditional spraying.

1.3 Safety notice:

Working enviroment temperature range : 6-45 °C

1.4 Inspection before start:

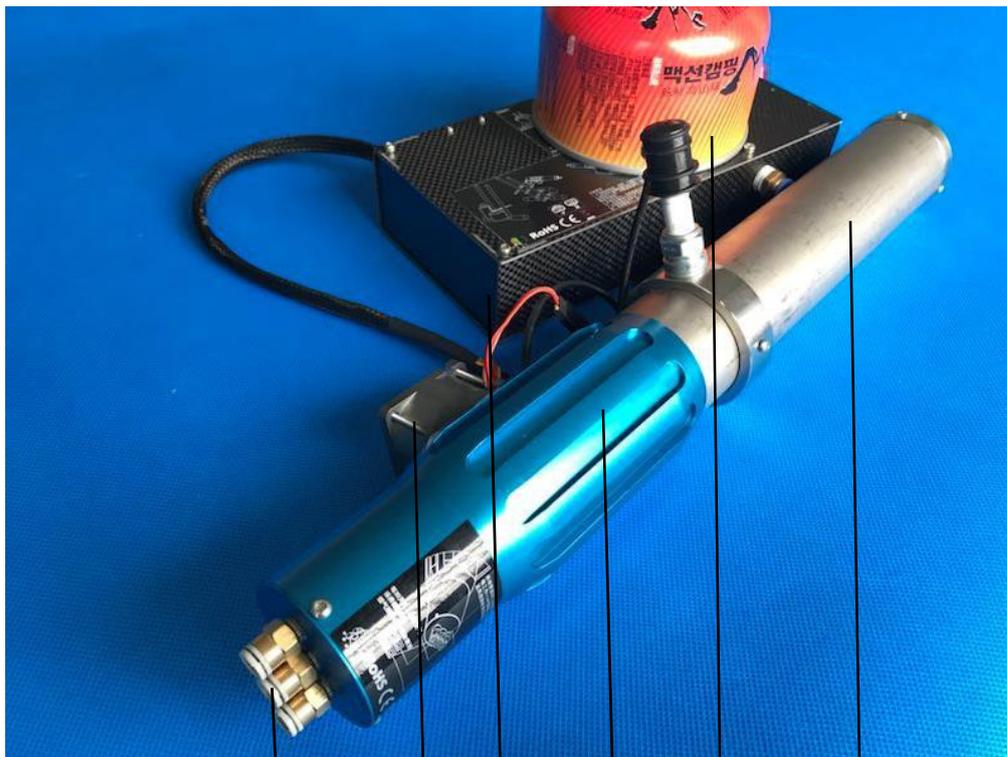
- 1) Full powered or charged equipment;
- 2) Property connected the tubes and correct connection of the wires;
- 3) Check remote controller work good.

1.5 Manual:

- 1) Carefully read user manual before operation;

- 1) How to mix the pesticide with water:
 When use Glycerol and purity at 99.99% ,please mix the water and glycerol follow ratio of 100:15 at first for next step.
 Mix ratio of glycerol and Pesticide 60% diluent glycerol with 40% pesticide;

2. Parts assembly diagram

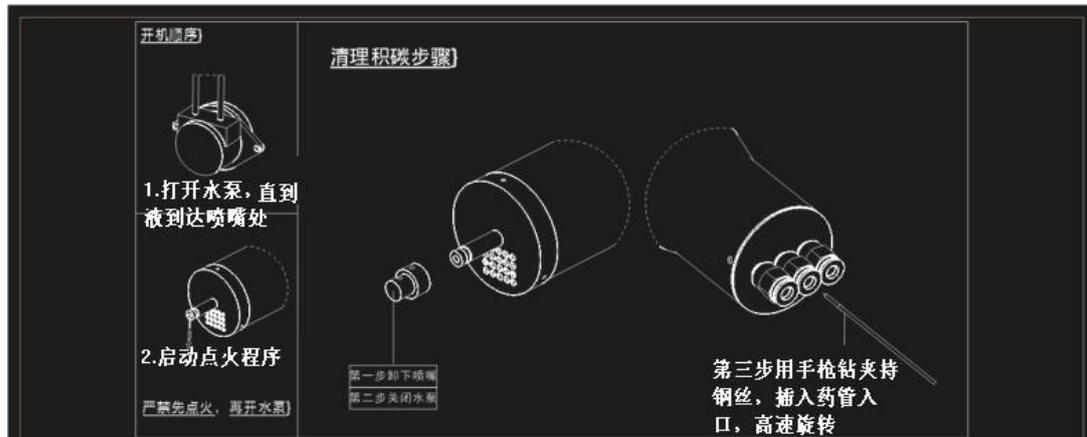


A: Gas input
 B: Air pressure
 C: Control box
 D: mist generator
 E: gas
 F: heating chamber

3. Assembly diagram for MG landing gear



4. Steps for start the device



- 1) Fastening the gas tank tightly;
- 2) Press the button "A" on the remote for start the pump, until the liquid get to the nozzle tip. Then stop.
- 3) Open the valve of the gas, Press B for ignition.
- 4) Press B again, and after about 2 seconds can hear the voice of gas burning.
- 5) When the combustion get steady.,and after about 5 seconds then press A button, the mist will getting stronger.
- 6) Before switch off the mist generator, Have to close the valve first! And do not switch off the pump, until there is no fog come out then stop the pump by A button,Keep the machine powered 5 minutes then switch off the power.
The heat radiation is very important before you switch off the device.

5. Technical parameter

- DC Input: 24V - 48V DC XT60
- Length: 460MM
- Diameter: 52MM
- Control BOX L: 220mm
- Control BOX H: 45MM
- Width: 105MM
- Fuel type: butane gas
- Ignition type: by remote
- Communication frequency: 315Mhz
- Mist temperature: ≤ 30 °C
- Mist carrier: glycerinum
- Machine materials: TA2, Aluminium alloy
- G.W.: 1.65kg