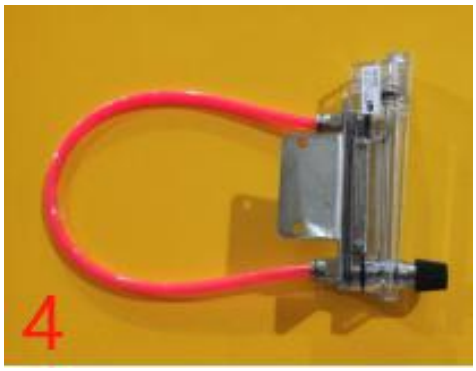
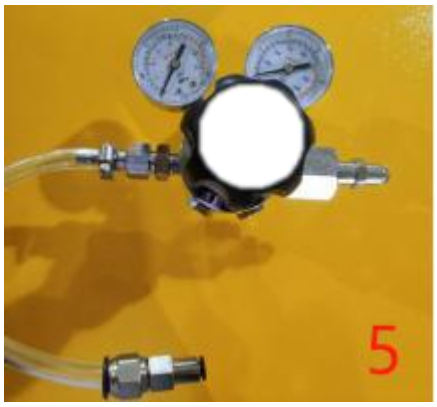
How to pass CO2 gas

一、Required tools：

二、1、phillips screwdriver
2、Adjustable wrench
3、Red pipe
4、Flow meter
5、Pressure reducing valve
6、CO2 cylinder





二、Operating steps：

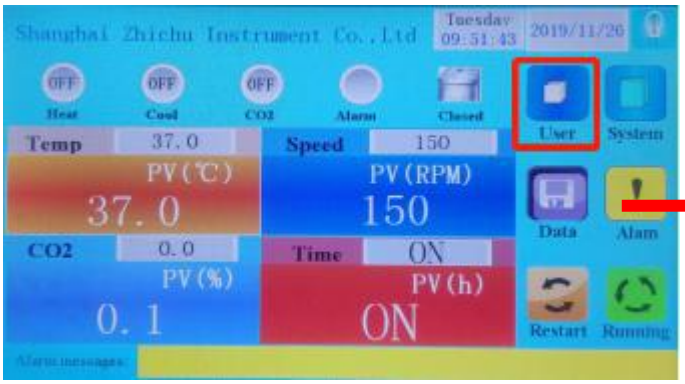
1、Fix the flow meter on the machine using screws，and transfer the pipe of bottom interface to the machine.

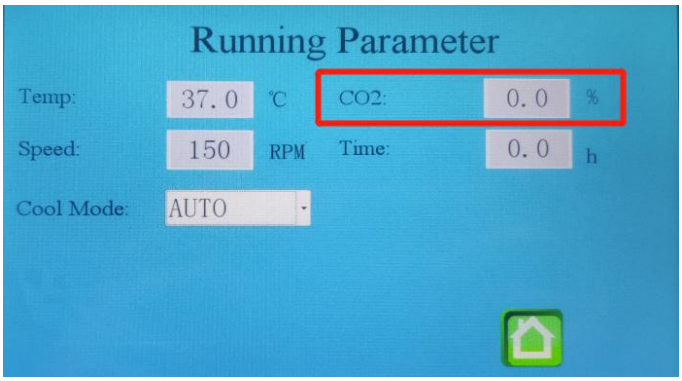
2.Connect the pressure reducing valve to the CO2 cylinder and tighten the screw by adjustable wrench.

3. Connect the two ends of the red pipe to the interface below the flow meter and the pressure reducing valve.

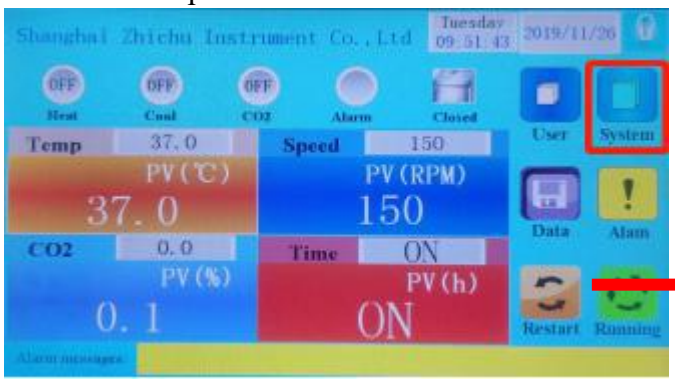
4. Turn the knob of the pressure reducing valve counterclockwise to the loosest position to prevent overshoot of CO2, and the pressure reducing valve is broken. The knob of the flow meter is adjusted clockwise to the tightest and the value is adjusted to the minimum.

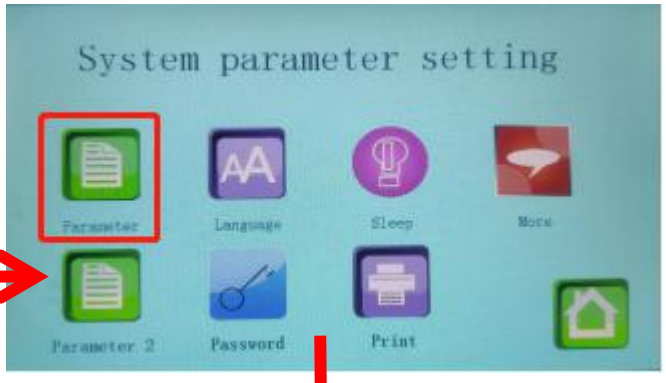
5. Turn on the machine and click “Running parameters”，then select“user”and enter password“3”，adjust CO_2 concentration.(Range 0-20%)

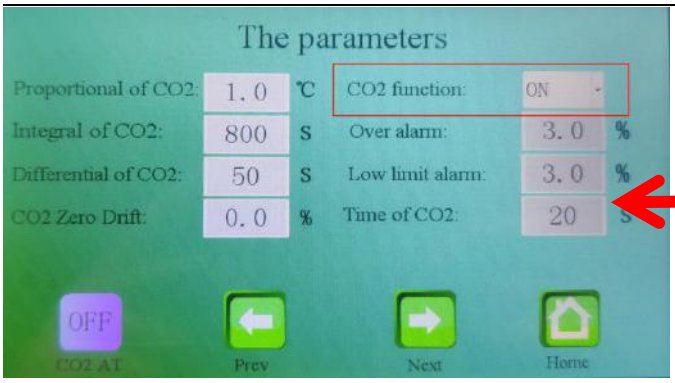


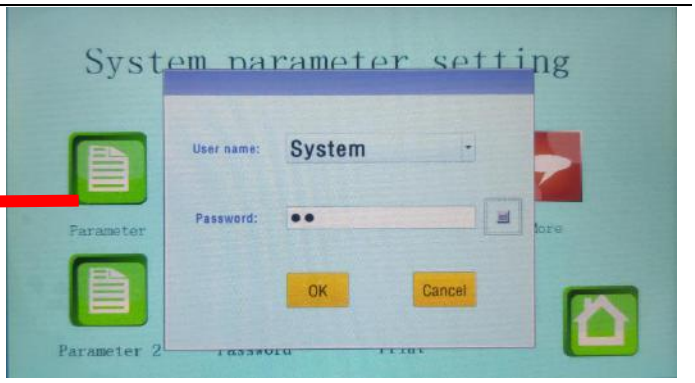


6. Click “System parameters”，and select“System” and enter password“12”，then make sure“CO2 function”is open.

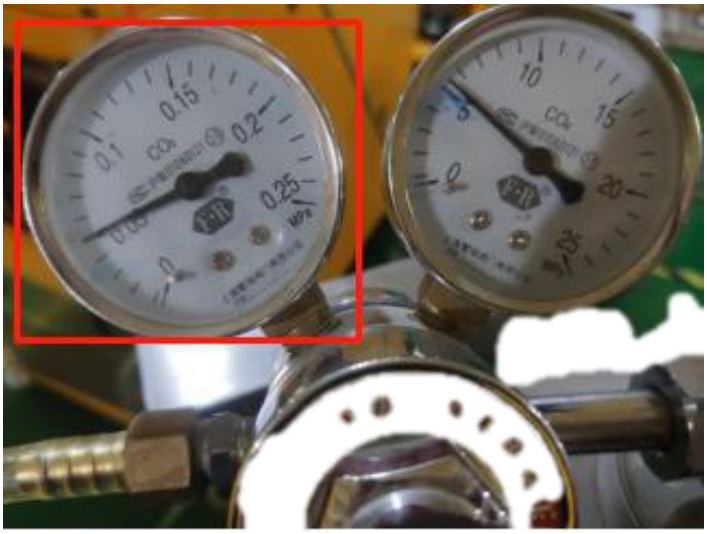




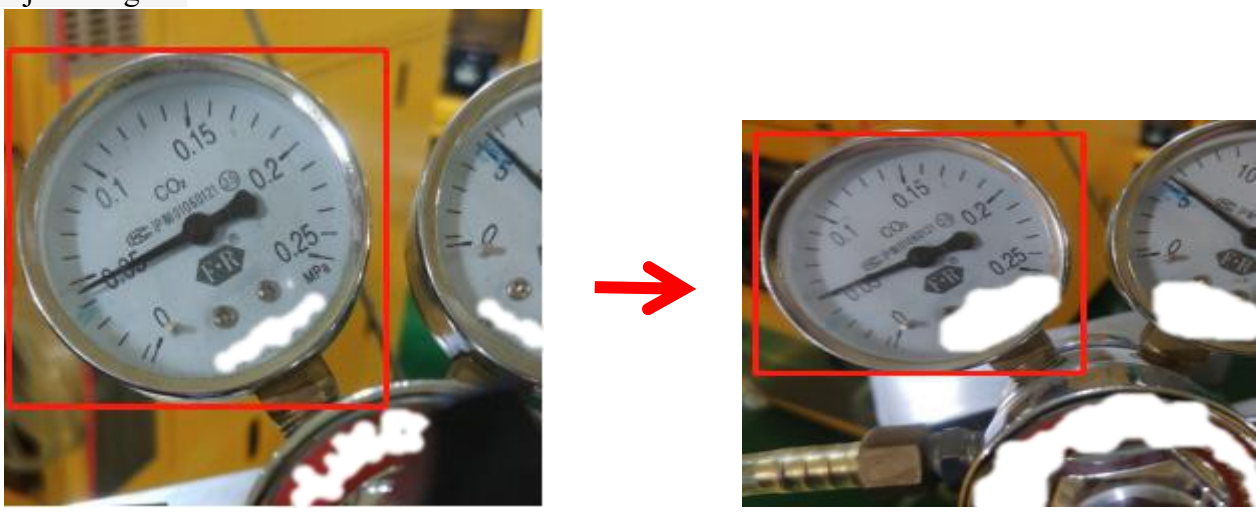




7. open the valve of CO2 cylinder and adjust the value of Pressure reducing valve to “0.05”（the dial on the left），and adjust the value of the flow meter to the scale "4".



8. Finally, after the flowmeter is turned on, the pressure value will become smaller, and it needs to be adjusted again.



❖ Testing method：

After switching on the CO2, there are two ways to verify that the gas pipe connection is leaking:

1. Apply soapy water to the interface below the flowmeter. If there is a bubble, it indicates that the pipe is leaking.
2. Pressure test method: set the CO2 concentration to 0%, then close the CO2 cylinder valve, observe whether the value of the value of pressure reducing valve changes, if the value becomes smaller, the gas pipe leaks.