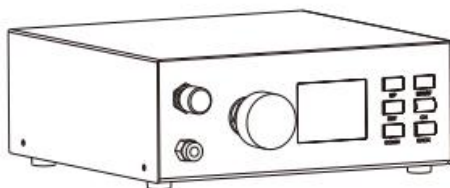




QUICK 982F Dispensing Controller

Instruction Manual



Thank you for purchasing our products. Please keep the instruction manual properly for future reference.

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1.Safety Instructions



CAUTION

- During the installation and use of this product, all electrical safety regulations of the country and regions must be strictly observed.
- The power supply must be disconnected when disassembling the product. Do not operate with power on.
- If the product does not work properly, please contact the supplier or our company, and do not disassemble or change the product in any way. We are not responsible for any problems caused by unauthorized maintenance or modification.



WARNING

- The product should be used away from places where there is magnetic interference.
- Don't install the product in a place where the surface is easy to shake or be impacted, as it may damage the product.
- Don't install the product in places where it may be exposed to rain or moisture.
- Don't use in flammable and explosive environments.
- The maximum pressure of the compressed air shall not exceed 0.7MPa, and the air source shall be kept dry.
- Avoid reversing the liquid barrel or placing it horizontally, which will cause the liquid to flow back into the air pipe and damage the internal components.
- Avoid exposing the dispensing controller to excessive moisture or corrosive air and liquid environment.
- When the it is not in use, please turn off the power to prolong its life.
- Please unplug the power cord when the product is not used for a long time.

2.Overview

This product is a high-efficiency operation device in various fields mainly for coating various liquid materials. It can be used for mobile phone keys, digital products, electronic toys, speakers, buzzers, electronic components, integrated circuits, etc. It can also be used to inject quick glue, red glue, yellow glue, epoxy resin, silica glue, lubricating oil, bolt binding glue, solder flux or solder paste, etc. Various specifications of barrels and nozzles can be selected.

3.Product Characteristics

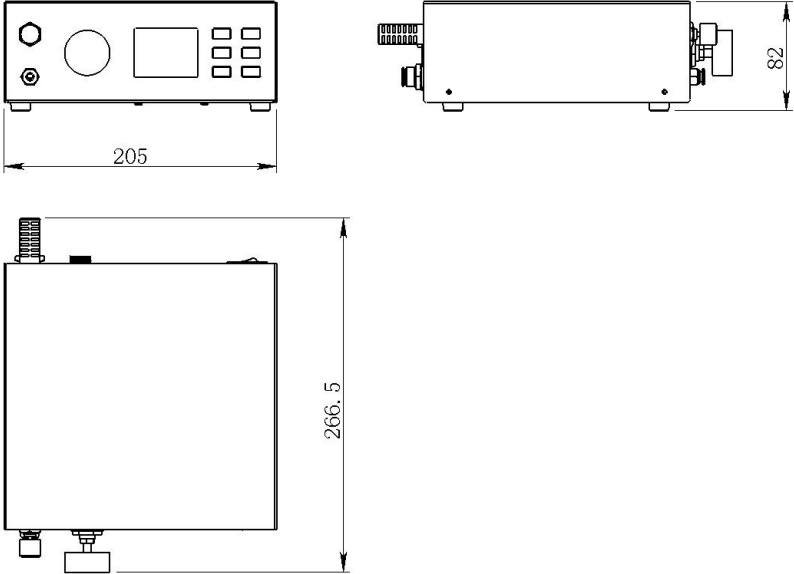
- Adjustable air pressure, and vacuum suction force.
- Simple to operate and easy to use.
- In the timing mode, the dispensing time can be accurate to 1ms.

4.Product Specifications

Model	982F	
Power	20W	
Voltage	AC 100~240V	
Input air pressure	0~0.7Mpa	
Output air pressure	Positive	0~0.7Mpa
	Negative	-100~0Kpa
Dimensions	205*266.5*82mm	
Weight	About 2.8kg	

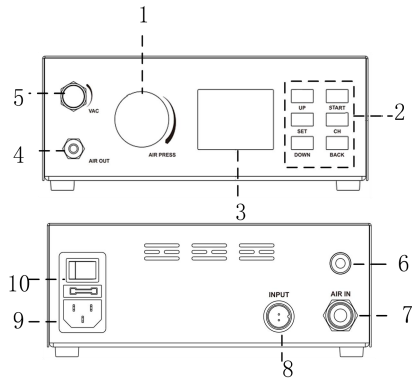
5.Function Descriptions

5. 1. Dimensions



Unit: mm

5. 2. Part Descriptions



No.	Part Descriptions	No.	Part Descriptions
1	Air pressure adjusting knob	6	Silencer
2	Keys	7	Air inlet
3	Display	8	Two-core socket
4	Air outlet	9	Power socket
5	Negative pressure adjusting knob	10	Power switch

5. 3. Key Descriptions

Keys	Functions in the main	Functions in the setting
BACK	/	Short press to return to the main interface Long press for 10s to enter the air pressure calibration interface
CH	Long press to select channels from CH1-CH10	/
START	Dispensing	/
UP	/	Parameter selection or value increase
SET	Long press 2s to enter the setting interface	Long press to confirm and return to the main interface Short press to turn the page
DOWN	/	Parameter selection or value decrease

5. 4. Function Descriptions of the Main Interface

Stopped	
Manual	SET: ----ms
CH2	USE: 0 ms
NP (Kpa)	PP (Mpa)
-0	0.002

Mode	Manual: manually control the dispensing time
	Timing: automatically control the dispensing time
	Usage: displaying the externally controlled dispensing
	Set: display the timing controlled dispensing time
Pressure	Negative pressure (Kpa)
	Dispensing pressure (Mpa)
CH2	10 channels:CH1~CH10
State	Stop or operation state

6.Connection

- 1) Air inlet: connected to the external air source through PU pipe which is $\phi 8\text{mm}$, and the air source shall be clean and dry.
- 2) Air outlet: connected to the air connection port of the dispensing barrel through PU pipe which is $\phi 6\text{mm}$.
- 3) Two-core metal socket: can be connected to pedal switch.

7.Channel Settings

There are 10 channels in total: CH1~ CH10. Long press "CH" key to select different channels, and the channel parameters can be set as required.

8.Parameter Settings

8. 1. Mode

Long press "SET" key for 2s to enter the setting interface and press "UP" or "DOWN" key to select manual dispensing or timing dispensing. After that, long press "SET" key to confirm and return to the main interface.

Setup CH1	
Mode	
Time(ms)	<input type="radio"/> Manual
AirUpper	<input checked="" type="radio"/> Time (ms)
AirLower	
NegAirUpper	
NegAirLower	

8. 2. Timing


- 1) Long press "SET" key for 2s to enter the setting interface.
 - 2) Short press "SET" key to select timing setting.
 - 3) After pressing "UP"/"DOWN" key to increase/decrease the time, long press "SET" key to confirm and return to the main interface.
- The timing range is 1 ~ 9999 ms.

Setup CH1	
Mode	
Time(ms)	
AirUpper	1000
AirLower	
NegAirUpper	
NegAirLower	

8. 3. Settings of Positive/Negative Pressure Upper and Lower Limit

- 1) Long press "SET" key for 2s to enter the setting interface.
 - 2) Short press "SET" key to select the upper/lower limit of positive pressure or negative pressure.
 - 3) Press "UP" / "DOWN" key to increase/decrease the value. After that, long press "SET" key to confirm and return to the main interface.
- The range of positive pressure upper limit is 0.001 ~ 1kPa, positive pressure lower limit is 0 ~ 0.999kpa, negative pressure is 0kpa.
The negative pressure upper limit is 0kPa, the negative pressure lower limit is - 100 ~ - 1kPa.

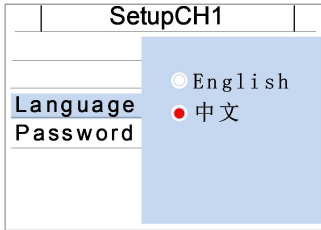
Setup CH1	
Mode	
Time(ms)	
AirUpper	0.100
AirLower	
NegAirUpper	
NegAirLower	



Setup CH1	
Mode	
Time(ms)	
AirUpper	0.001
AirLower	
NegAirUpper	
NegAirLower	

8. 4. Language Settings

- 1) Long press "SET" key for 2s to enter the setting interface.
- 2) Short press "SET" key to enter language setting interface.
- 3) Press "UP" or "DOWN" key to select English or Chinese. After that, long press "SET" key to confirm and return to the main interface.

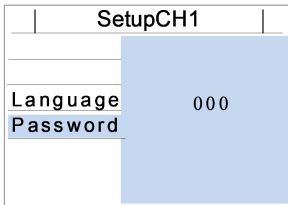


Note: After the language setting is completed, it will take effect only after restarting the dispensing controller.

8. 5. Password Settings

- 1) Long press "SET" key for 2s to enter the setting interface.
 - 2) Short press "SET" key to enter password setting interface.
 - 3) Press "UP" or "DOWN" key to set the password. After that, long press "SET" key to confirm and return to the main interface.
- If "000" is input, it indicates that there is no password, and user can directly enter the setting interface; If "001" is input, it indicates that password has been set, and user needs to enter the right password after restarting.

Password input: turn on the unit, long press "SET" key for 2s in the main interface and it will display password input interface. Press "UP" or "DOWN" key to input 001 in turn and press "SET" key to confirm when each digit is input.

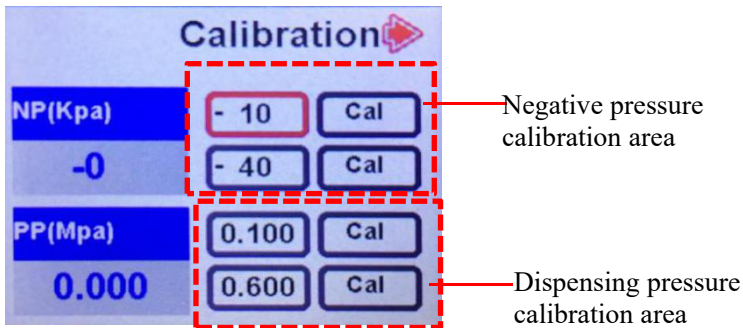


* In the initial state, the unit has no password, so it can be used directly after turned on.

9. Air Pressure Calibration

- 1) Long press "SET" key for 2s to enter the setting interface.
- 2) Long press "BACK" key for 10s to enter the air pressure calibration interface.

9. 1. Function Descriptions



9. 2. Calibration

Tool: pressure gauge

Steps:

- 1) Connect the tube of the pressure gauge to the dispensing barrel.
- 2) Press the "UP" or "DOWN" key to input the value displayed on the pressure gauge.
- 3) Press "BACK" key to the "Calibration" position.
- 4) Press "DOWN" key to calibrate.

10.Troubleshooting

Troubleshooting	Error Reasons	Solutions
Unable to turn on	No power	Connect the power supply or check the fuse in the switch.
	The plug connected to the unit is not connected.	Insert the connecting wire and tighten the fixing ring.
Unable to dispense after turned on	Something wrong with the input air pressure.	Check whether the input air pressure is normal.
	The air output jack or air inlet port is disconnected or loosen.	Insert firmly.
	The nozzle or barrel is blocked.	Clean or replace the above parts.
	The built-in electromagnetic valve of this unit has reached its service life or is	Replace the electromagnetic valve.(Need to send back to factory to replace)

