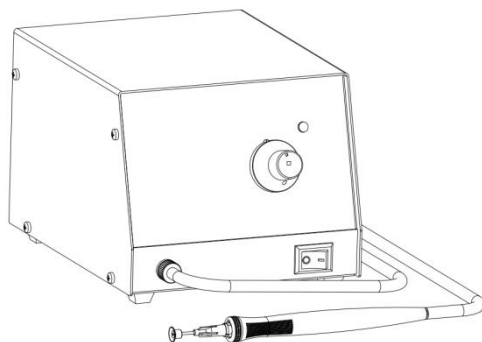




QUICK 381A Vacuum Pick-up Station

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

- 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.
- The product should be used away from places where there is magnetic interference.
- Don't use in flammable and explosive environments.
- When the station 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 specially designed to suck flat integrated circuits, resistors and other electronic parts and all kinds of round, micro components. Simple and convenient operation, built-in air pump, no need for external air system. The internal coil is energized to make the vibrating arm vibrate under the action of the surrounding magnetic field, so as to drive the suction pad to suck and discharge air, thereby achieving the purpose of pick-up and placing objects.

3.Product Characteristics

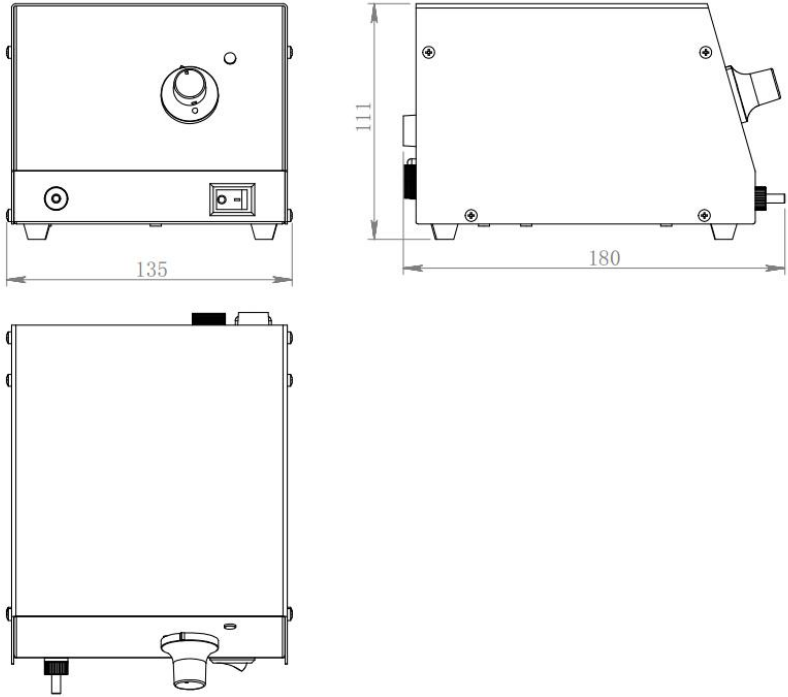
- ESD design without damage to sensitive components.
- Humanity design of suction pen, light structure.
- Vacuum suction stepless adjustable, single position design, powerful suction force can reach to 180g.
- Control the pick-up and placing of chips accurately and effectively, avoid shaking when placing.
- Pedal switch control, energy saving and the service life is prolonged.
- Suction nozzles and pads can be used together and interchangeable.

4.Product Specifications

Model	381A
Power consumption	15W
Voltage	AC 220V/230V/240V
Pump	Diaphragm
Max suction	0.06MPa
Suction pad	Φ6*12mm, Φ8*12mm
Straight suction nozzle	Inner diameter 1.10mm
Bent suction nozzle	Inner diameter 1.45mm
Dimensions (L*W*H)	135*180*111mm
Weight	About 2.0kg

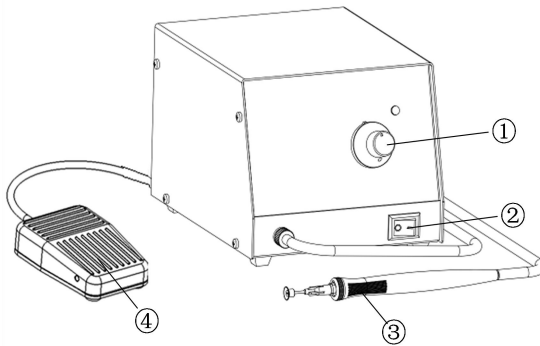
5.Functional Descriptions

5. 1. Dimensions



Unit: mm

5. 2. Part Descriptions



NO.	Part Descriptions
1	Vacuum adjusting knob
2	Power switch
3	Suction pen
4	Pedal switch

6.Installation

- 1) Insert the pedal switch into the two-core socket on the back of the unit.
- 2) Sleeve the selected suction nozzle on the suction pen, if it needs to be used with suction pad, please install the pad to the suction nozzle.
- 3) Plug in the power socket.

7.Operation

- 1) Turn on the unit.
 - 2) Hold the suction pen and place the suction nozzle or pad on the object to be sucked.
 - 3) Step on the pedal switch, the vacuum will be created immediately and the object will be sucked up.
 - 4) Move the suction pen freely to the required position, then release the pedal switch.
 - 5) The vacuum adjusting knob (VACUUM) on the panel is used to adjust the power of the vacuum pump. When a heavy object is sucked, it can be used together with the suction pad, and the suction pad can more stably suck and move the small objects, and at the same time, the suction nozzles of different sizes can be exchanged.
- The specific match is as follows:

Suction nozzle/pad	Applicable type
Straight nozzle(0.7mm)	Chip resistors, capacitors and other small components.
Straight nozzle(1.45mm)	Micro IC (8~40 pins)
Straight nozzle(0.7mm)+Suction pad(6mm)	IC (14 pins or more)
Straight nozzle(0.7mm)+Suction pad(8mm)	IC (40 pins or more)
Straight nozzle(1.45mm)+Suction pad(6mm)	Larger electronic components
Straight nozzle(1.45mm)+Suction pad(8mm)	Pick-up elements up to 180g.
The matching and application conditions of the bent nozzle and the suction pad are the same as those of the straight nozzle.	

8. Replace the Filter Sponge

- 1) Remove the suction nozzle and take out the filter sponge.
- 2) Replace with the new filter sponge.
- 3) Install the suction nozzle.

9. Troubleshooting

When the suction pen does not work properly or the vacuum pressure decreases, please check:

- 1) Whether the silicone air pipe connector is well connected?

Action: Connect the air pipe connector without air leakage.

- 2) Is the filter sponge in the suction pen dirty?

Action: If the filter sponge is dirty, it should be replaced; if it is not the cause of the filter sponge, the air pump may be damaged.

Warranty Card

●The warranty period of this product is calculated from the date of Purchase. During the warranty period, if the product breaks down during normal use, show the original warranty card and enjoy free service in the authorized repair company(or our company). Please keep the purchase certificate and this warranty card and show it before maintenance.

●During the warranty period, the following repairs need to be paid:
a.Unable to offer valid warranty card or certificate;

b.The purchase date, sales company and other items are not completely filled or the warranty card is altered;

c.Damage caused by failure to follow the use methods and precautions in the manual;

d.Damage caused by disassembly, repair and modification of products without authorization of the manufacturer;

e.Replacement of vulnerable and consumable parts.

●All items of the warranty card shall be completely filled in by the agent or user to obtain a 12-month warranty period.

●Please keep this warranty card properly It will not be re-offered after.

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POSTCODE: 213167

WEBSITE: www.quick-global.com

Warranty Card

Type: _____

Model No.: _____

Serial No.: _____

Delivery Date: _____

Warranty File Card

Type: _____

Model No.: _____

Serial No.: _____

Delivery Date: _____

Address : _____

Postcode: _____

Telephone: _____

Contact Person: _____

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