



**BK-350S**

## **Rework Station for smartphone**

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# 1. Specifications



Contents	Specifications
PCB Workable Size	210mm * 260mm
PCB Workable Thickness	0.5mm ~ 2mm
PCB Workable Part	1mm ~ 35mm
Vacuum Suction	64 kpa, 7L/min
Temperature Sensor	K Type
Motion Control Device	7-inch Touchscreen Computer
Temperature Controlling Method	PID Control
External Interface	USB (to bring out stored program from other machine or upload program into), Mouse
Program Storage	Up to 999pcs of programs can be stored
Power Consumption	220V, 60Hz , 2,500W
Equipment Size	L:440 W:470 H:630
Equipment Weight	19 Kg

# 1. Name of Each Part



1	<b>Cooling Fan (from left to right flow)</b>	7	<b>Lower Heater Up-And-Down Move Knob</b>	13	<b>Sucking Pencil (covering hole by finger to suck the chip), if chip ass'y has holes, ESD tweezers are recommended (not included)</b>
2	<b>Upper Heater and Nozzle (by magnet, easily changeable)</b>	8	<b>Working Point (Laser Pointer)- to set the approximate center of chip on PCB</b>	14	<b>Heater status Lamp ( if machine heat up, lamp continues to blinks)</b>
3	<b>Up-And-Down Move Knob</b>	9	<b>PCB Fixture (BK-105)</b>	15	<b>Lower Heater And Nozzle</b>
4	<b>LED Lighting</b>	10	<b>Connecting inlet for external temperature Sensor</b>	16	<b>Power Switch And Circuit Breaker</b>
5	<b>Up-And-Down Move Intensity Control Knob</b>	11	<b>Emergency Stop Switch</b>	17	<b>Controller Computer</b>
6	<b>Left-And-Right Move Lock Lever</b>	12	<b>Connection port for USB 2.0 (Mouse, Memory)</b>	18	<b>Upper Heater Air Volume Controller</b>

# 2. Touchscreen explanation



Start Stand by Temp cont Stop Cooling Vacuum Screenshot

Heating time: 0 TEMP constant time: 0S

Program Selection

Lamp Laser

Outside 412.3 °C  
Upper 21.5 °C  
Lower 21.6 °C

°C	Name: PROGRAM 1											
400												
360												
320												
280												
240												
200												
160												
120												
80												
40												
0												
h	0	45	90	135	180	225	270	315	360			

## 2. Touchscreen explanation



Selection		Saved			Deleted		Apply	
<b>Name</b>	PROGRAM 1			USB Backup	USB Load	Screen shot		
	1st	2nd	3rd	4th	5th	6th	Nozzle Size	
Upper Temperature	50	200	250	0	0	0	0	
Upper Rate	3	2	2	0	0	0		
Step Time(Sec)	10	80	40	0	0	0		
Lower Temperature	50	200	250	0	0	0	0	
Lower Rate	3	2	2	0	0	0		
Step Time(Sec)	10	80	40	0	0	0		
					Cooling Time		180	
					Alarm Time		10	

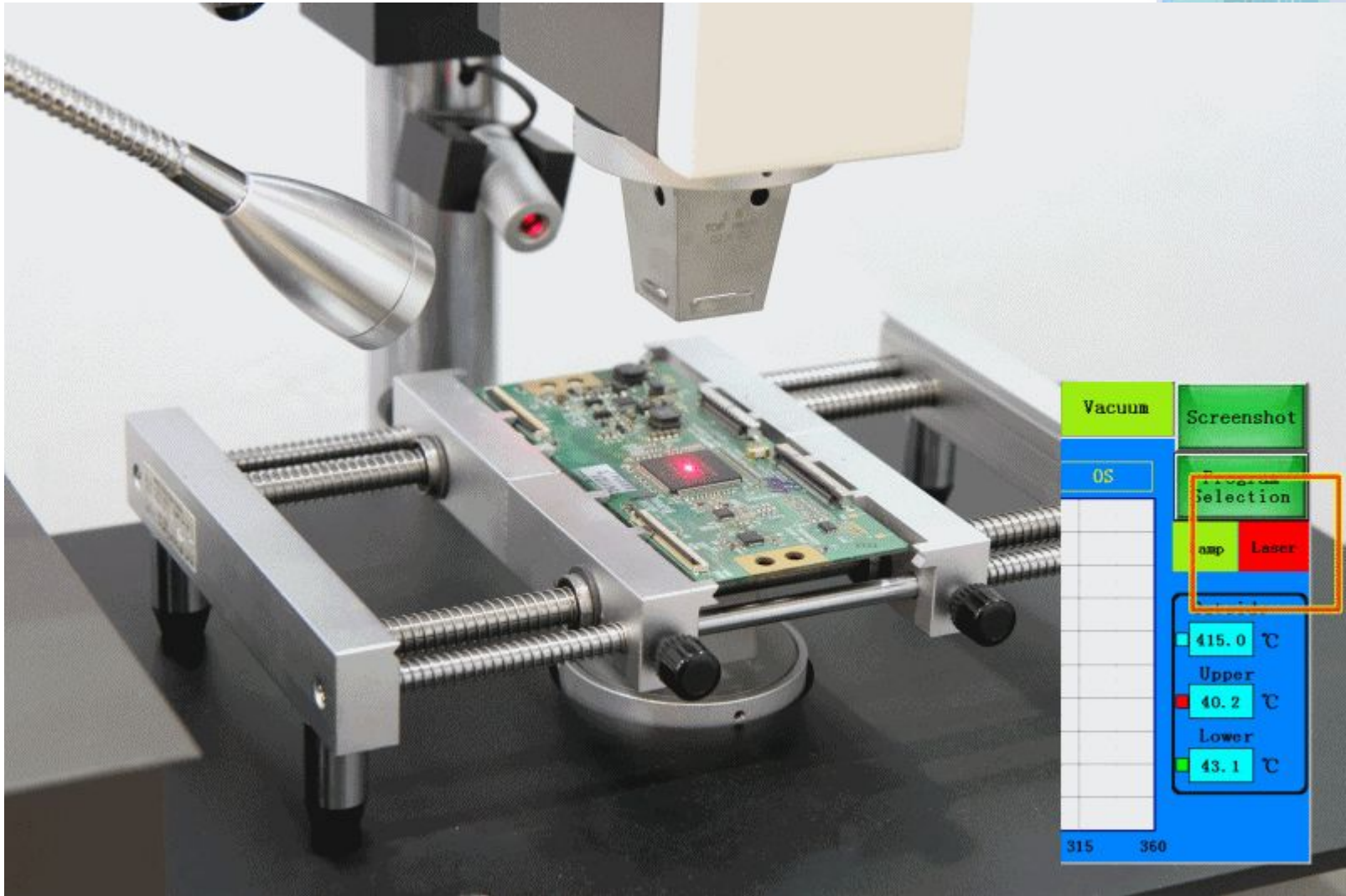


## 2. Control Screen



Selection		Saved	Deleted	Apply
Name		Number	Name	
	1	1	PROGRAM 1	
		2	PROGRAM 2	
Upper Temperature		3	PROGRAM 3	
Upper Rate		4	PROGRAM 4	
Step Time(Sec)		5	●	
Lower Temperature		6	●	
Lower Rate		7	●	
Step Time(Sec)		8	●	
		9	●	
		10	PROGRAM 999	

# 3. Working Process





# 3. Working Process



Start Stand by Temp ranp Stop Cooling Vacuum Screenshot

Heating time: 0 TEMP constant time: 0S

Program Selection

Lamp Laser

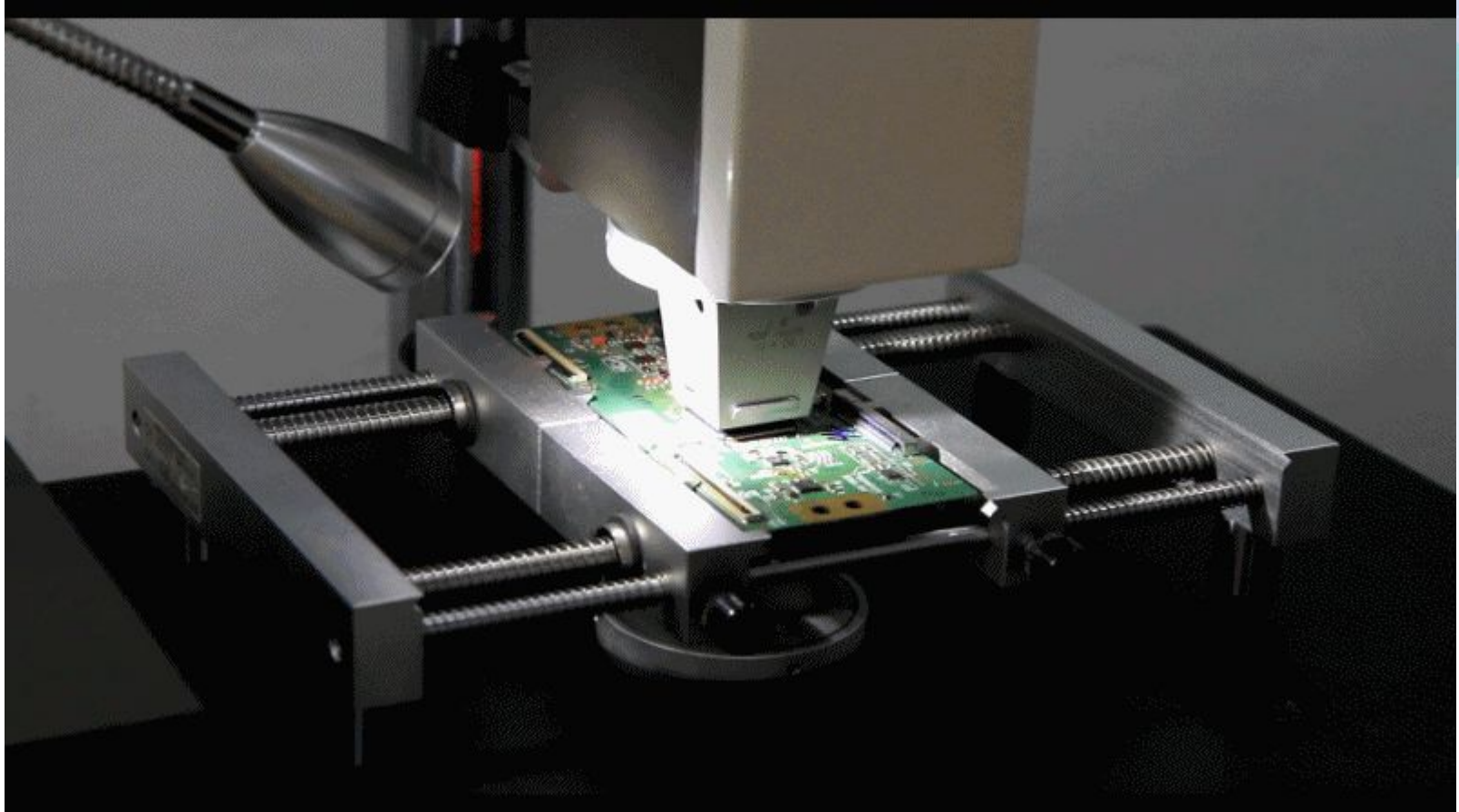
Outside 412.3 °C  
Upper 21.5 °C  
Lower 21.6 °C

Name: PROGRAM 1

The graph shows a temperature profile for PROGRAM 1. The y-axis represents temperature in degrees Celsius (°C) from 0 to 400, and the x-axis represents time in minutes (A) from 0 to 360. The profile is currently blank, indicating the start of a new program.

Time (min)	Temperature (°C)
0	0
45	0
90	0
135	0
180	0
225	0
270	0
315	0
360	0

# 3. Working Process



# 3. Working Process



The screenshot displays the REGEN-i software interface. The main window shows a 3D model of a biological specimen, possibly a segmented insect or plant part, rendered in a brownish-gold color. The model is viewed from a perspective that shows its length and width. A diamond-shaped wireframe is overlaid on the model. The interface includes several toolbars and panels:

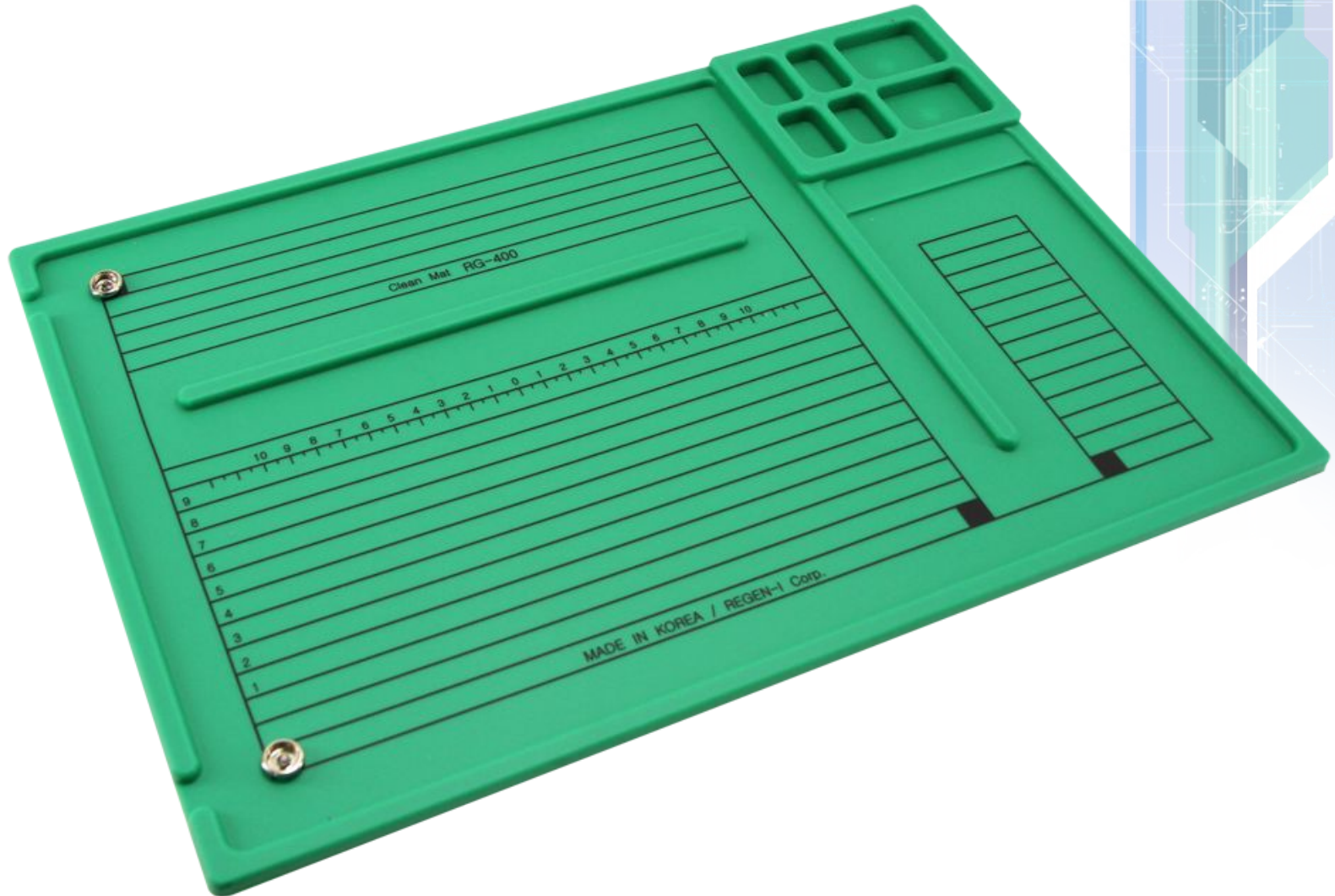
- Volume Panel:** Contains icons for Volume, General, View, Measure, Segmentation, and Output.
- Task Panel:** Lists tasks such as MPR, Reformat, Curve, 3D Zoom, Op, and Back.
- Teal Options:** A section with the text "No Option Available".
- MPR - Rotating Axes:** Shows rotation angles of -122.8 deg and 114.6 deg.
- Coronal, Sagittal, Axial:** Three view windows showing different cross-sections of the specimen. Each window includes a scale bar (1.4 mm) and a small diagram of the view orientation.
- Rendering:** Shows "MPR" and "Thickness" settings.
- Outline Overlay:** A text label in the top right of the main view.
- 1.3 mm:** A scale bar in the bottom right of the main view.
- Fine Tuning:** A histogram at the bottom showing a distribution of values. The x-axis ranges from -1023 to 2000. The y-axis has values like 600, 1200, 1500, 1800, and 2100. A peak is visible at approximately 1224.
- Auto-Fit, Load Preset, Expand, Shrink, Merge:** A set of control buttons on the bottom right.

# 4. Mobile Dryer (RG-201, RG-202)





# 4. Silicon Clean Mat (ESD Safe)



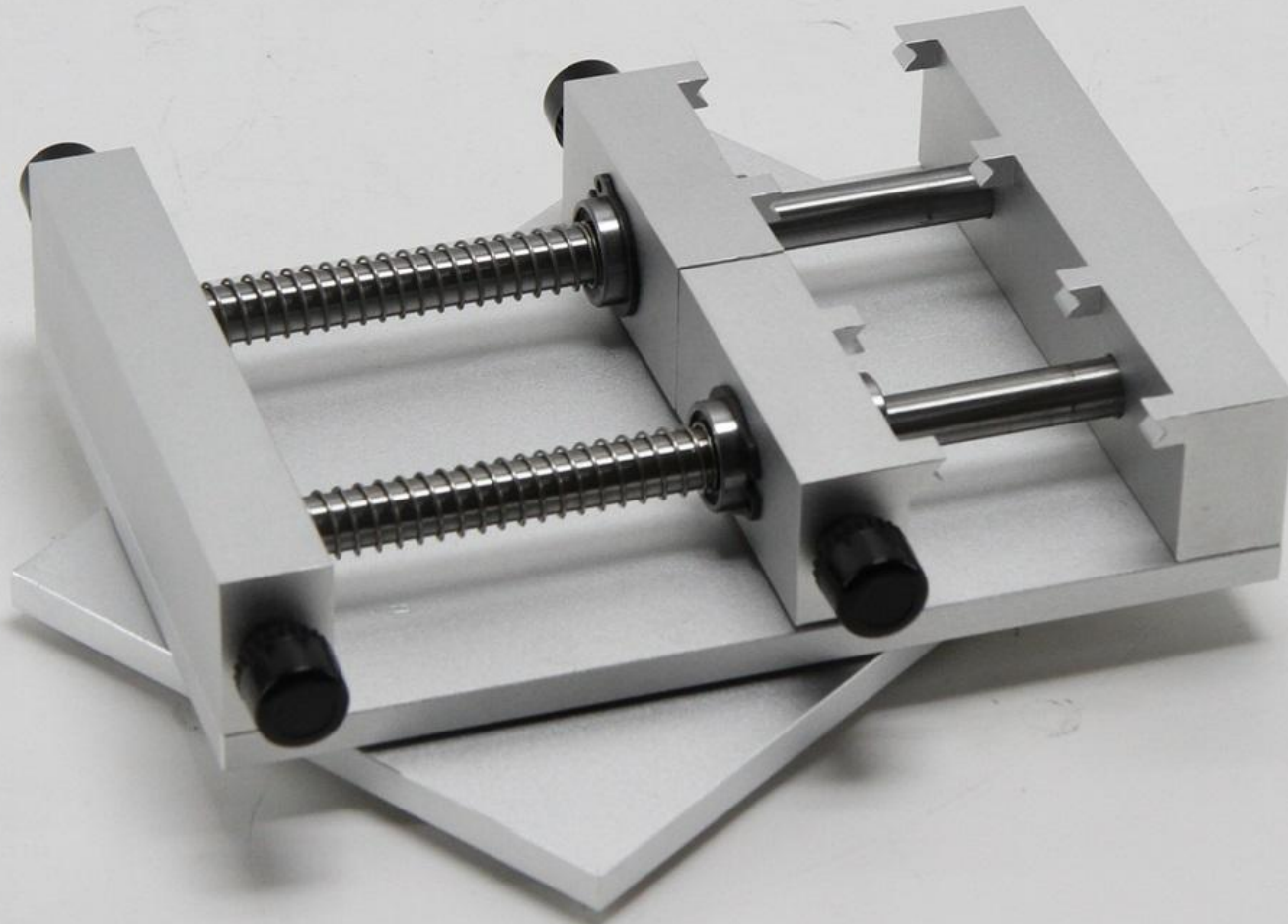


## 4. PCB Vice (RG-105)



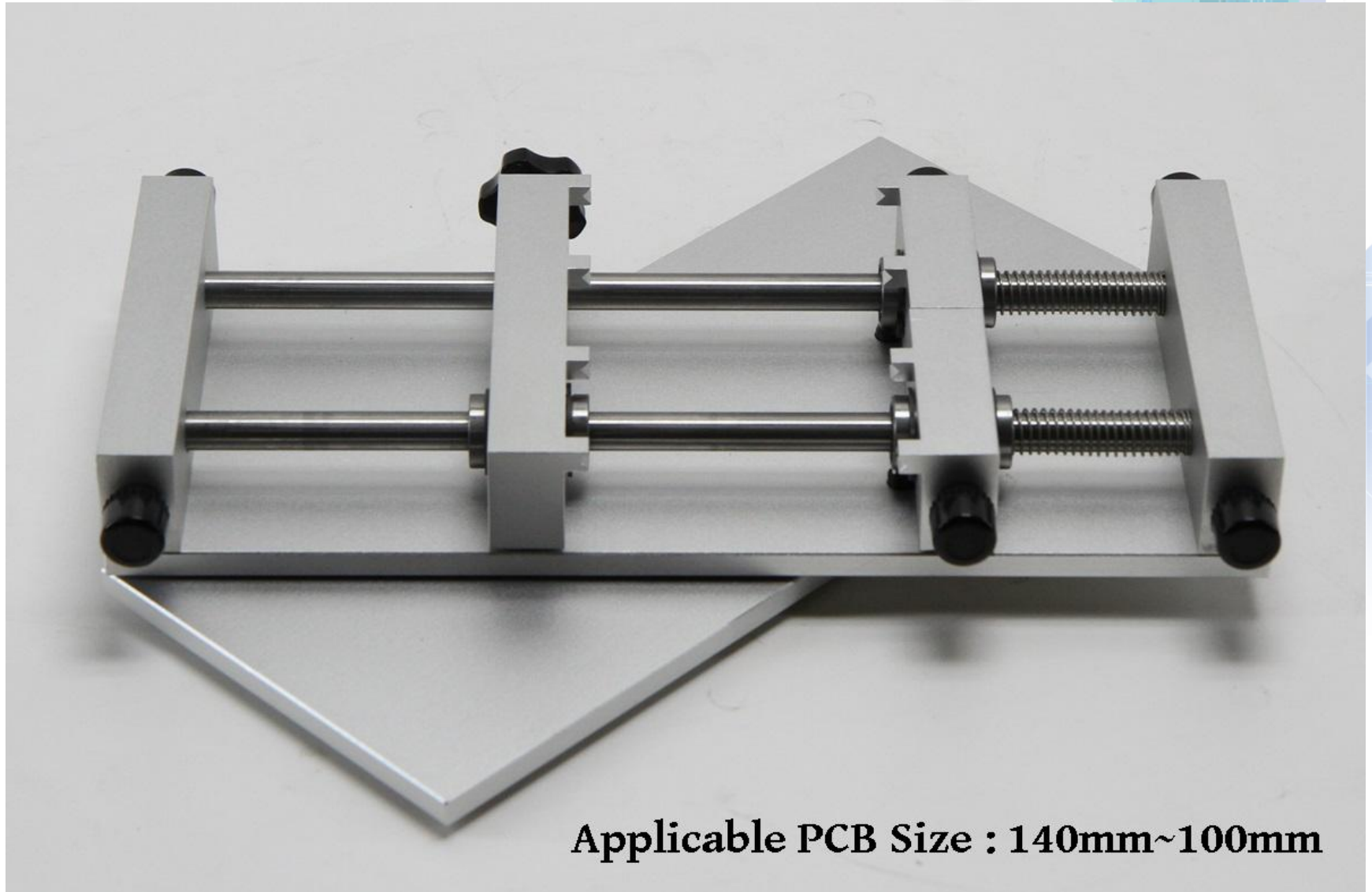
**Applicable PCB Size : 135mm~150mm**

## 4. PCB Vice (RG-102)



**Applicable PCB Size : 65mm~100mm**

## 4. PCB Vice (RG-104)



**Applicable PCB Size : 140mm~100mm**

Thank You !

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