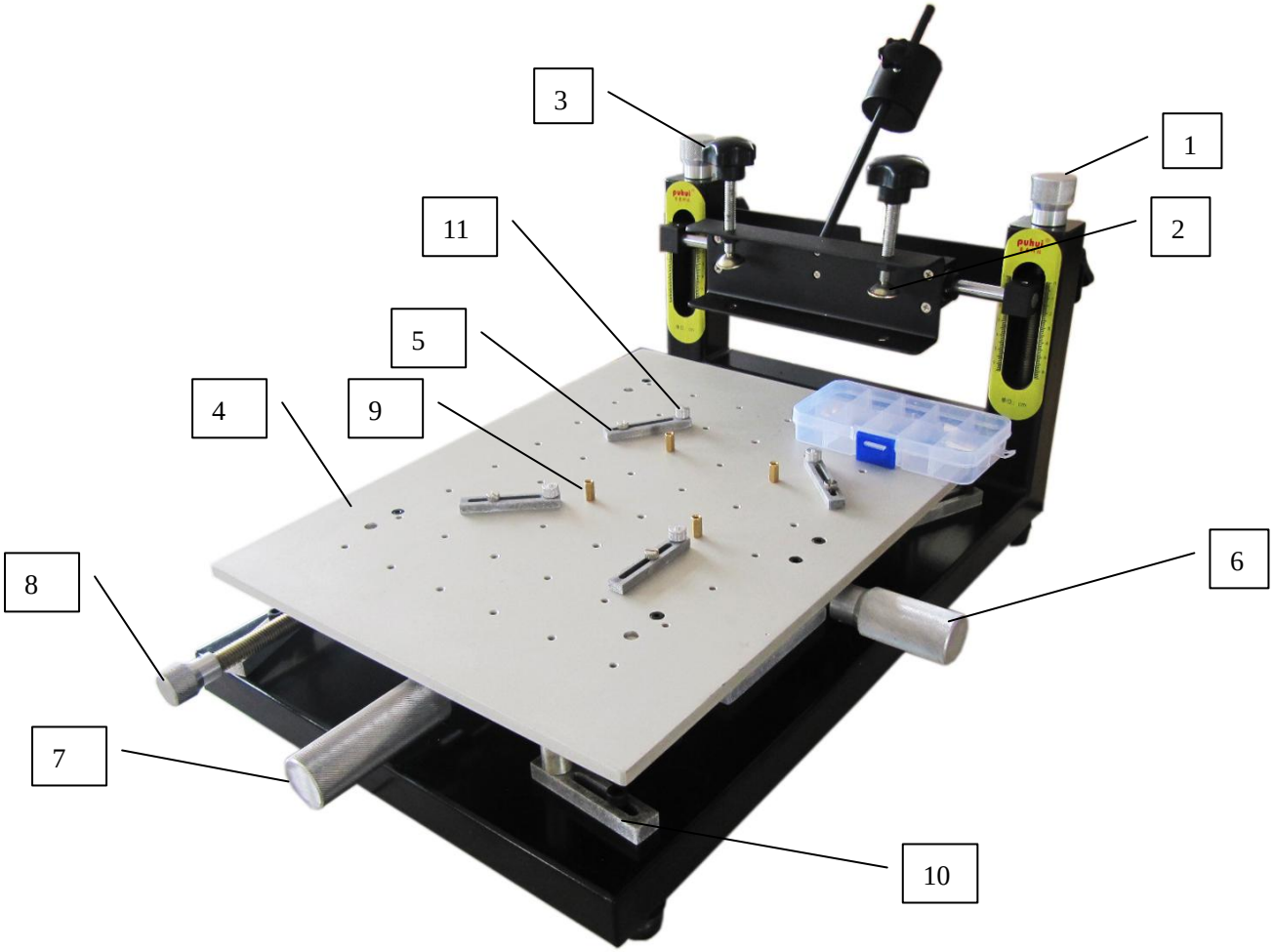
High Precision Printer User Manual



1. Feature

The platform can be rotated 30 degrees at most, and the precision can be kept all the way when repeat works. Easy to locate PCB board, high flexibility ensure high printing precision.The brackets using the bolt bar to adjust the height, convenient for controlling the thickness of PCB.

2. **Technical Parameters**

High Precision Printer	Parameters
Overall Dimensions（L*W*H)	580*320*259(mm）
Platform Size	300*400（mm）
PCB Size	270*370（mm）
Stencil Size	370*470（mm）
Platform Height	180mm
PCB Positioning Mode	Outside/ Reference Hole
Weight	12.7kg

3. **Installation and maintenance**

Install： Refer to the intall guide
Maintenance：Add grease to the stencil bracket lifting motion/screw rod/ transimission motion on a regular basis.

4. Printing

A. Put the stencil on the stencil bracket (2) after cleaning stencil, adjust the embossing star knob (3) to suitable location, then fixed it.
B. Install PCB positioning block (11) and PCB fixation unit (5). Referring to the position of the positioning hole PCB board position to adjust the distance of the PCB and stencil holder and fixed（if PCB board is big, need to use support pin (9),Support pin should select the appropriate threaded hole screwed)
（1）3）Rotate the upper and lower adjusting handle (1) to adjust the height of stencil bracket. Rotate X-axis adjusting handle (6) and Y-axis adjusting handle (7) to adjust the relative position of the PCB and stencil (If you can not adjust the relative position within the full stroke, move the stencil position), if angular difference between PCB board and stencil, need adjust Swing adjusting handle (8), adjust the bolt height on Platform support base block(10) to make the Platform (4) even without shaking.
4）Using the blade to scrape the solder paste (Squeegee angle of blade and steel stencil should be between 30 degrees to 75 degrees)
5）Clean the stencil regularly

Notice：

(1) Upper and lower adjusting handle
（2）Stencil bracket
（3）Embossing star knob
（4）Platform
（5）PCB fixation unit
（6）X-axis adjusting handle
（7）Y-axis adjusting handle
（8）Swing adjusting handle
（9）Support pin
（10）Platform support base block
（11）PCB position block