PCB Separator 720

Application Range：LED strips, aluminum PCB and PCB strips of thickness 0.2mm to 3.0mm, custom is available for special board

Feature

1. Apply unique method to shear, finished by six pieces of Blades, each aligned up and down blade forms a group, so these six Blades can divide into three groups—A, B and C.

   The whole Shear divides into three phase: group A firstly shears 40% PCB, then group B shears again along the PCB slot that group A did, which finished the second 40% PCB, balance 20% PCB is done by group C.

   In this way, PCB sheared in three times, comparatively, internal stress caused by one time shear decreased 80% or more,. PCB edge after shear is smooth and flat, no bending or curl.

2. Because PCB is sheared by multiple times, shear is very steady and smooth. V-slot won`t deviate from the shear route, even this V-slot is very shallow.

3. Blade applies high speed steel ,imported from Germany, Blade life for Aluminum PCB shear can be over one year.

4. All Blades are calibrated by dual-frequency laser interferometer, it makes sure Blade can shear precisely along the V-slot which already sheared by previous blade. Blade tip deviation keeps under 0.02mm, to guarantee shear quality.

5. Simple operation, and swift shear.

6. Can retrofit platform of stainless steel, with laser scale, size 1.2 or 2.4 meters for option.

7. Up Blade and Down Blade can be adjusted with high accuracy.

8. Blade can be used again you polish it.

9. To shear PCB of different edge width conveniently, we could custom the Stopper Board to meet your requirement.

10. To raise shear accuracy to the maximum, you could freely adjust X and Y axis.

Technique Parameters：

Model/Name	ASC-720
Host Size	380×325×333
Platform Size	2400×360×190
Host Weight	Approx 44KG
Working Voltage	220V/50Hz（110V/60Hz)
Pressure	None
Shear Speed	80, 120, 200, 600mm/s
V-cut Thickness	0.6-3MM
Power	60W
Shear Length	Unlimited
Blade Size	DIA 60
Blade Qty	6 pieces
Compatible	Strip Board such as Glass fibre Board, Alumimum board, ,etc