

## CCD REGISTERING SCREEN PRINTING MACHINE

Applies to all kinds of materials, such as: glass, PET / ITO, PI and stainless steel, etc..  
Suitable for touch panel, liquid crystal display (LCD), ITO Glass, light guide plate (LGP),  
solar cell and light reflective layer, etc.



## • Features

### High rigidity solid Chassis:

- Features welded high-strength extruded steel structure.
- High accuracy, all components are machined to precise specifications for close tolerance applications.

### Screen Frame fixing:

- Pneumatic frame locking: Pneumatic frame locking system with check valves/airlock and four sided frame holding assembly ensures rigidity and high stability. Screen frame position adjustment is with XYθ fine-tuning knob.
- Digitally controlled servo peel-off system: Peel-off and print stroke is synchronized with all conveniently adjustable preset functions. Parameter settings, including off-contact, can be saved and recalled from touch panel.

### Printing table:

- Printing table surface is CNC precision milled and manufactured from high quality anodized aluminum to achieve close tolerance planarity.
- Printing table is controlled by servo motor with XYY movement, CCD camera alignment will inform the table movement according to fiducial mark position.

### CCD Vision process unit:

- High precision CCD camera alignment system. Camera precision is up to 0.005mm.
- Industrial computer with Touch panel digital parameter setting fulfills printing job standardization and numerical management and user friendliness.

Unit : mm

Specifications	FP-22SL	FP-44SL	FP-66SL	FP-88SL	FP-1010SL
Table Size	300*300	500*600	700*700	950*950	1200*1200
Max. Printing Size	200*200	400*400	600*600	800*800	1000*1000
Max. O/D Frame Size	550*550	850*850	1050*1050	1300*1300	1800*1800
Min O/D Frame Size	400*400	650*650	850*850	1100*1100	1350*1350
Frame Height	25 ~ 35	30 ~ 40			
Print Pressure(kg)	2 ~ 30	2 ~ 62			
Integration Accuracy	± 0.01				
Integration Time	< 1sec				
CCD Visual Field	9*12				
Power Source	220V/380V, 60/50 Hz , 3 P				
Power Consumption(kw)	5	5	6	6	7
Air Source(kgs/cm <sup>2</sup> )	6				
Air Consumption(L/min)	2				
Dimension(L*W*H)	1220*1670*2300	1422*2276*1953	1580*2665*2005	1800*3300*2200	3652*2150*2200
Weight(kg)	1200	1800	2200	2500	2800