



Manual Screen Printers SP series

These SMT manual screen printers use metal masks to apply cream solder and adhesives to printed circuit boards. Both aluminum cast frames and aluminum pipe frames can be used.

Features

- By changing the attachment, both aluminum cast and aluminum pipe frames can be used.
- Fine tuning of X, Y, and θ can be performed simply. SP-450 and SP-650 are standard equipments about micro meter.

Applications

- Coating of cream solder on H-IC and SMT boards.
- Application of adhesives.
- Other printing operations.

Features

Model	SP-300L	SP-450	SP-650
Applicable circuit boards (Internal dimensions)	135×135mm 205×255mm	205×255mm	205×255mm 385×385mm (485×535mm)
Cast frames			
Pipe frames	180×250mm 270×350mm	180×250mm 270×350mm	270×350mm 470×570mm 580×680mm
Mask	Metal screen (SUS:t=0.15, 0.2, 0.25, 0.3), Silk screen		
Applicable circuit boards	50×50mm to 200×300mm		50×50mm to 350×450mm
Size			
Thickness	0.125 to 2mm		
Counter	Option		
Vacuum pump	Option		
Fine adjustment	By mask frames	By table(X,Y, θ)	
Squeegee	(t)9×(W)50×(L)100mm	(t)9×(W)50×(L)100mm with handles	(t)9×(W)50×(L)150mm with handles
Size			
Hardness	80°		
Table dimensions	(W)250×(D)330×(H)10mm	(W)250×(D)350×(H)10mm	(W)400×(D)520×(H)10mm
External dimensions	(W)250×(D)600×(H)200mm	(W)350×(D)660×(H)360mm	(W)400×(D)1030×(H)480mm
Weight	7kg	11kg	25kg

★Specifications subject to change without notice.