

DESK AUTOMATIC DISPENSING MACHINE



Application Industry

Semiconductor packaging, PCB electronic parts fixation and protection, mobile phone, notebook shell bonding, LCD glass substrate packaging, led dispensing, optical lens dispensing and packaging, automotive parts coating, chip bonding, hardware parts coating and bonding, battery packaging, horn dispensing, quantitative liquid filling, etc.

Suitable Glue

UV glue, AB glue, epoxy (black glue), white glue, EMI conductive adhesive, silicon, epoxy resin, instant adhesive, silver glue, red glue, solder paste, heat dissipation paste, solder paste, transparent paint, screw fixing agent, etc.

Features

1. Hand hold LCD screen operation, easy to program, easy to learn and understand.
2. It has the function of drawing point, line, surface, arc, circle, irregular curve and so on to realize any 3D non planar trajectory path.
3. Teaching function, support array, graphical browsing, 3D ellipse, common graphics library insertion, group editing and other advanced functions.
4. Super large capacity 2G high speed mini SD file memory can store 999 dispensing process files.
5. The size and thickness of glue, coating speed, dispensing time and stopping time can be set by parameters.
6. With the special dispensing controller, the glue output is stable, the glue breaking is clean and there is no leakage.
7. With automatic anti curing function, it can effectively prevent glue from blocking the needle.

8. Strong PC compatibility. With the help of logoshop software, it can import various file formats (such as NC, AI, DXF, JPG, BMP, scanner, etc.) generated by mainstream design software (such as Auto CAD, coral draw, etc.).

9. Suitable for fluid dispensing, such as UV glue, AB glue, epoxy, white glue, EMI conductive adhesive, silicon, epoxy resin, instant glue, silver glue, red glue, solder paste, heat dissipation paste, transparent paint, etc.

10. The imported photoelectric sensor is used for automatic teaching of XYZ three-dimensional coordinates to ensure the accuracy of reference point when replacing different types of needles.

Specification

Model	S300	S300L	S500
Work Area	300(X)*300(Y)*95(Z)mm	400(X)*400(Y)*95(Z)mm	500(X)*500(Y)*95(Z)mm
Size	490(L)*528(W)*679(H)mm	590(L)*628(W)*679(H)mm	690(L)*728(W)*679(H)mm
Travel speed	400mm/sec(XY), 200mm/sec(Z)		
Maximum load	8kg		
Drive mode	Stepping motor+belt+precise linear guide rail		
XYZ Repeatability	±0.03mm		
Operating system	LCD panel/handhold programming device		
Program capacity	999 parameter files(65535 points per file)		
Movement pattern	3 axis point to point, continuous line, arc		
Power supply	AC220V 50/60Hz 0.5kw		
Weight	About 35kg	About 45KG	About 55KG

* Keeps working on quality and performance, specifications and appearance may be updated without particular notice.

Thanks for choosing PCB Unlimited.