

Model AX5 series

Advanced true 5 axis dispensing robots



Model AX5 series is the most advanced dispensing robot for applications which can not be achieved by normal 3 axis robots + 2 extra XY axis on the stage. Z axis on model AX5 series is able to control vertical movement but also theta rotation and tilt angle all by the software. Intuitive, friendly user interface enable users to set up the machine simply setting XYZ coordinates and dispensing angle, the program will automatically calculate the final dispensing position and precisely complete the dispensing job. For dispensing on inner wall of a hole, 3D software can automatically calculate the height in the hole.

XYZ Working Area	400mm x 400mm x 100mm
X-Y Dispensing Area	300mm x 300mm
Dimensions	770mm(W)*785mm(D)*810mm(H)
Robot Weight	~120 kg
XY Acceleration (mm/sec ²)	0.25G
XY Speed (mm/sec)	800, 800 mm/sec
Z Speed	250mm/sec
XYZ Repeatability (XYZ ±um)	±5um
R repeatability	±15/sec
R max travel	±360°
S repeatability	±15/sec
S max travel	±20°