

## A3000 Advance Series 3-Axis Glue Dispensing Robot

Adofil A3000 Advance 3-axis bench top robots are designed to ensure precise fluid placement and positioning. When configured with a syringe, cartridge, or valve system, a high level of accuracy and repeatability is achieved.

Specifically built for fluid dispensing processes, the A3000 can be work under complex dispensing routines (dots, lines, circles, arcs, and fills) that can be set up and operational in just minutes.

The windows programming software allows for DXF files to be imported into the software and have dispense lines or dots quickly created from the imported CAD data. This feature dramatically reduces programming time for complex dispense patterns or when there is a high number of dispense positions.



Item Number	Description
A3103 3-Axis Robot	300x300x100mm Work Area
A3104 3-Axis Robot	400x400x100mm Work Area
A3105 3-Axis Robot	500x500x150mm Work Area
A3106 3-Axis Robot	600x600x150mm Work Area

### Salient Features

- **Affordable** – Tabletop automated dispense system to simplify the steps needed to upgrade your process.
- **Accurate** – Precision motion control results in repeatable production quality.
- **Durable** – Robust construction provides movement stability at high speeds.
- **Low Maintenance** – User-friendly software allows programs to be easily and quickly set up using the PC.
- **High Efficiency** - Increased productivity due to faster cycle times and less rejects

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### Specifications

Model	A3103	A3104	A3105	A3106
Work area (X/Y/Z)mm	300x300x100	400x400x100	500x500x150	600x600x150
Max. speed(mm/see)	0.1~500/350	0.1~800/500	0.1~800/500	0.1~800/500
Dimen.(W x D x H mm)	385x380x500	485x505x610	585x610x610	685x700x660
Load Y-axis/Axis	5kg/3kg	10kg/5kg	10kg/5kg	10kg/5kg
Resolution	0.01mm/Axis			
Repeatability	+/-0.01mm/Axis			
Program capacity	Min 100group,4000paints/group			
Operation interface	LCD panel/Computer Display			
Drive mode	Micro stepping motor/belt			
Control method	CNC			
Control method	3 Axis			
Motor System	Micro precession stepper motor			
Net weight	23kg	34kg	41kg	52kg
Operation environment	Humidity:20-90% RH, Temperature:0-40°C			
Date storage type	CF Card			
Power	AC220V 50-60HZ 0.8KW			



We ensure all our ADOFIL-DISPENSING MACHINE TOOL is meeting up with assured Quality Cost & Time commitments. We work hard to be friendly, professional and courteous with our customers to establish a lasting business relationship