

AUTOBONDER® 3X5002Y

EST. 1978

THREE AXIS, 2Y BENCHTOP DISPENSING ROBOT

ISO-9001

Features:

- 2Y axis can be set to different dispensing paths.
- Save cycle time.
- X/Y/Z axis ball screw increases stability and repeatability.
- A hand-held teaching pendant is provided for simple and intuitive programming functions.
- Dispensing area 500 x 500 x 500 x 100mm
- Dot, lines, arc etc and 3D dispensing paths available.
- Apply adhesives, cyanoacrylates, silicone, RTV, anaerobic resin, epoxy, UV cure formulas and many more fluids.
- Windows SRE software is available for CAD file input (optional).



| Model | AB-3X5002Y |
|-------------------------------------|-------------------------------------|
| Working Area X / Y1 / Y2 / Z (mm) | 500 / 500 / 500 / 100 |
| Maximum Load Y-Axis / Z-Axis | 5kg / 3kg |
| Maximum Speed XY / Z (mm/sec) | 0.1 ~ 600/300 |
| Resolution | 0.001 mm / Axis |
| Repeatability | +/- 0.01 mm / Axis |
| Data Memory Capacity | 100 Programs, 4000 Points / Program |
| Display | TFT |
| Drive System / Stepping Motor | Micro Stepping Motor |
| Motion Control | PTP & CP |
| Linear / Circular Interpolation | 3 Axis / 2Y |
| Teaching Method | Teach Pendant |
| I/O Signals | 8 Inputs / 8 Outputs |
| Power Supply | 100 ~ 230VAC, 320W |
| Working Temperature | 0 - 40°C |
| Relative Humidity (no condensation) | 20 - 90% (no condensation) |
| Dimensions (WxDxH mm) | 685 x 715 x 670 |
| Body Weight | 70kg |