

BENCH TOP DISPENSING ROBOT DS-300/400



- X/Y/Z-axis ball screw, increase robot stability and repeatability.
- Servo motor driven, accurately movement.
- Dot, Lines, Arc etc, and 3D dispensing path is available.
- A hand-held Teach Pendat is provided for simple and intuitive programming functions.
- SRE software (optional) is available for CAD file conversion.

BENCH TOP DISPENSING ROBOT

DS-300/400

| Model | DS-300 | DS-400 |
|--|-----------------------------------|--------------------|
| Working Range X/Y/Z(mm) | 300 / 300 / 100 mm | 400 / 400 / 100 mm |
| Load Y-AXIS / Z-AXIS | 10 kg / 5 kg | |
| X&Y / Z (mm/sec) | 300 / 500~0.1 | |
| Resolution | 0.001 mm/Axis | |
| Repetitive Positioning Accuracy | +/- 0.01 mm/ Axis | |
| Program Capacity | 100 programs、 4000 points/program | |
| Program Display | Teach Pendant LCD | |
| Motor System | X/Y/Z AXIS SERVO MOTOR | |
| Driver System | X/Y/Z AXIS BALL SCREW | |
| Control Method | PTP & CP | |
| Interpolation Function | 3 axis (3D path) | |
| Programming Method | Teach Pendant | |
| I/O Signals Port | 8 Inputs / 8 Outputs | |
| External Control Interface | RS232 | |
| Power Supply | AC110 ~ 220V 450W | |
| Working Temperature | 0– 40°C | |
| Working Relative Humidity | 20 – 90% no condensation | |
| Dimensions (WxDxH mm) | 535 x 600 x 600 | 635 x 650 x 600 |
| Robot Weight (kg) | 50kg | 60kg |