

RPX 2518 SMT Assembly

Benchtop solution for assembling a large variety of SMT components onto a family of PC boards. Great for low volume / high mix applications.

- On board syringe dispenser
- Built in digital valve / syringe controller
- XYZ tip calibration gage
- Surface sensor to “map” top of substrate boards
- Generous 25” x 18” programmable area
- Dual pick & place w/ theta correction
- Tool changer (8 position or 14 position)
- Vision system single (top viewing)
- Vision system dual (bottom viewing)
- Breadboard tooling plate; Reamed and tapped holes
- Tooling kit w/ rails, standoffs, vacuum tools
- On board vacuum system w/ four zones
- DXF, PLT, G-Code, HPGL, Gerber file inputs

This design features a precision X Y Z robot, driven by preloaded lead screws and ball slides with brushless servo motors in each axis.

This unique rigid design provides the ideal foundation for mounting virtually any type of syringe, valve, pump, etc.

