

Pressure Sensor Assembly w/ Vision



Automates 5 component assembly:

- Runs large family of diverse sensors
- Vision system registers body geometry
- Applies glue to part w/ auger valve
- Vision correction for chip (in waffle tray)
- Corrects for X, Y and Theta (rotation)
- Assembles chip with controlled force
- Records height (date & time) to file
- Network (LAN) connectivity

Pre programmed pallet files provide “fill in the blanks” style programming.

Dispense patterns may be taught, typed or imported from a CAD file.

The RP2415 Production Robot

The preloaded leadscrews and ball slides (in each axis) provide machine tool like performance required for the most demanding applications.

Today's First Choice

The RP 2415 robot was chosen as the ideal platform.

The large and stable ground, thick (24" x 24") base plate, with pre-tapped holes provides the ideal foundation for rigid mounting of your fixturing and tooling.

Your parts remain stationary, only the precision overhead gantry moves in the X – Y – Z axes.

