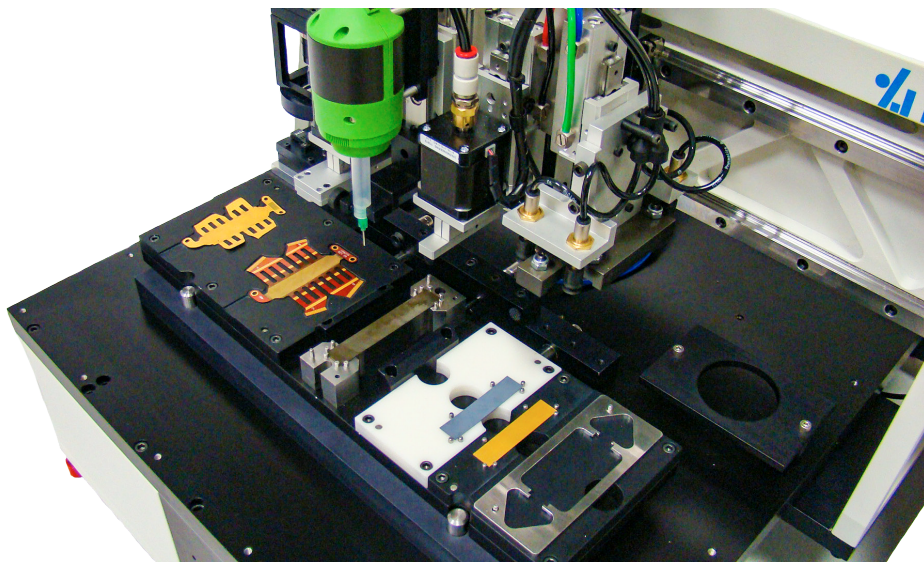


Six Piece Assembly with Vision



Automates entire component assembly:

- Powered fixture with vacuum hold down
- Vision system registers body geometry
- Positive displacement dispensing
- Applies adhesive on multiple levels
- Dual, on board pick & place heads
- Full automatic vision correction
- Corrects for X, Y and Theta (rotation)
- Assembles with a programmable force
- Records height (date & time) to file
- Network (LAN) connectivity

The R 2020 Production Robot

The preloaded ball screws and ball slides (in each axis) provide machine tool like performance required for the most demanding applications. The dual encoder (linear scale) adds repeatability measured in microns.

Dispense paths may be taught with the advanced Jog & Teach function or imported from CAD file.

Today's First Choice

The R 2020 robot was chosen as the ideal platform.

The large and stable ground, thick (20" x 20") 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.

