Positive Displacement Dispenser

One part epoxy dispensed in micro volume onto an electronic component using a positive displacement valve.

A step and repeat fixture with precision nests for the parts rests on a heated platen mounted directly to the machine. The digital, closed loop temperature controller maintains accurate temperature for the application.

The RP robot was chosen as the ideal platform for integrating components that require seamless real time control of motion, events and external devices.

The built in path generator simplifies lines, fills or serpentine patterns by automatic creation with just a few simple keystrokes!