



Assembling Oxygen Sensor Lenses to Circuits

Customer required true machine tool quality performance.

The popular RPX Series machine was chosen for the following:

- Large precision ground base plate for accurate & stable fixturing
- Brushless digital servo motors
- Dual (linear) encoder systems
- Rigid pre-loaded ball screws and ball slides in each axis
- Six axis motion control capability
- Latest technology embedded controls; LAN, dual USB, CF Card
- Hundreds of pre-programmed functions
- No PC required
- No external dispenser controller required

Time Proven Components & Concepts

- Positive displacement syringe
- Tightly integrated vision system (top) on gantry
- Bottom up viewing vision system
- Pick & place head with force control
- Vacuum system with Theta correction
- Automatic XYZ dispense tip calibration

The RPX Series modular design can accommodate different types of dispensers, multiple heads and sensors along with full vision for path / position correction and after-the-process inspection.

