



Blue Ridge Systems manufactures and designs equipment and products for the semiconductor, telecommunications, disk media, electronic, and medical industries. We provide a full range of services from initial concept design through documentation, manufacturing, test and installation.

Our strength is our ability to design and build to your standards. This capability means that we take **complete** responsibility for the systems we deliver and you need only manage a single vendor.

Our mission is to provide comprehensive solutions for your equipment, automation, and manufacturing needs.

Design Capabilities:

- System/Capital equipment design
- Prototype development
- Control system development
 - ❑ Think & Do
 - ❑ LabWindows/CVI
 - ❑ LabVIEW
- Mechanism design
- Vacuum system design
- Pneumatic system design
- Fixture design
- Electronic packaging
- Sheet metal design

CAD applications:

- Pro/Engineer
- SolidWorks
- AutoCAD
- Mechanical Desktop
- OrCAD

Facilities:

- 360 sq. ft. Class 1000 clean room
- 1920 sq. ft. office and assembly area

Manufacturing:

- Prototype build, test & debug
- Electro-mechanical assembly
- Integration
- Clean room assembly
- pc/MRP

Experience:

- Complete electronic equipment design
- Automation
- Fiber-optic component assembly equipment
- Test handlers
- Wafer handler design
- CMP equipment
- Photoresist stripping equipment
- Photolithography track equipment
- CVD equipment
- Etch equipment
- Metrology equipment
- Test fixtures
- Process development

Blue Ridge Systems specializes in getting your concepts turned into reality in the most cost-effective and timely manner possible. We can handle your latest design needs or take care of that problem that your staff is too busy to handle. We can start with a marketing specification and take a project through the design, test and debug stages all the way to production and provide support for your application or process development team.
