Bluewrist offers innovative industrial automation solutions and products in the areas of robotics and machine vision for enhanced performance and production in manufacturing. Our systems allow users to monitor complex production processes via statistical controls while maintaining high quality throughputs. This goal is accomplished through our leading technology, competitive pricing, and highly effective customer support.

### Products
- Dimensional Measurement
- Inline 3D Vision Inspection
- Robot Guidance
- Random Bin Picking

### Software
- comXtream: Automation and communication engine
- SPCWorks: Dimensional data control and reporting
- KinOptim: All-in-one, 6 axis robot calibration
- ScanXtream: 3D point cloud processing and viewing

For more information visit our website [www.bluewrist.com](http://www.bluewrist.com)
**Flexisight**

is an automated measurement system offering 100% visual inspection and dimensional quality information of manufactured components.

**Features**

- Measurement of 3D and 2D features, including holes, slots, studs, surface points, edges, clips, gap, and flushness
- The camera can be mounted to a robot (typ. speed: 2.2 seconds/feature)
- Multiple cameras can be stationary mounted (typ. speed: <1 second/feature)
- Fully integrated with the line PLCs and robots for alarming and decision making
- Reporting interface with dimensional results, historical charts, and process performance
- Centralized database allowing remote access and data-sharing between systems
- Complete robot calibration solution to maintain system accuracy

**Applications**

- Body in white, underbody, doors, hoods and decklids, gap and flush
- Frames, suspension cradles and instrument panel beams

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**PreciScan3D Inspection Station**

is a fully integrated plug-and-play, metrology-grade, non-contact 3D scanning and flexible measurement system for near-line, inline, or offline quality control.

**Features**

- High resolution 0.1mm scanning accuracy - Captures highly accurate 3D surface features for comparison against CAD models or GDT/AII datum reference frames
- Inspects and scans complex parts with high accuracy and repeatability - Robust mounted 3D laser scanner provides complete coverage of parts for generating detailed point cloud models for further analysis
- No safety barrier or custom designed cell required - Collaborative robot designed to work alongside quality control staff near the production line
- Minimal integration and custom configuration - Out-of-the-box, plug-and-play 3D scanning and inspection capabilities

**Applications**

- 3D inspection of commonly manufactured components
- Surface defects, thickness, dimensional variation, surface profiles, and feature presence