

3D Bead Inspection

Integro Technologies partnered with Yamaha Robotics and the Coherix Predator 3D product to combine a servo controlled bead dispensing system and integrated a real time 3D monitoring of the bead condition and position.

Integro offers this as a customized turnkey solution for your process to inspect 100% of your bead application. This solution eliminates manual, periodic bead inspection and provides a fully automated solution.

This technology and technique can also be applied outside the automotive industry with any adhesive or sealant application process.

Features:

- Smart continuous 100% bead tracking and measurement
- 3D bead visualization, analysis and reporting
- Easy setup with flexible zone based criteria
- Intuitive for users
- Compact, light-weight robust sensor head
- Simple to retrofit to existing dispensing systems
- Configurable for robot and pedestal mounting
- Coherix Core Software Platform and Embedded i-Cite software
- Coherix SHARK Multi Imager Architecture
- Gigabit Ethernet and USB 3.0 interface options

