

## VISIONFLEX

Scanner Technologies, the inventor of the industry-preferred technology for 3D vision inspection, has developed the next generation of tray to tray inspection systems. The VisionFlex is a compact high-speed system that utilizes the patented UltraVim technology to provide true 3D inspections for gull wing, J-lead and BGA or CSP devices. The system is capable of throughputs of up to 9,000 units per hour. Its compact size, advanced motion technology and high speed make it an excellent choice for your inspection needs.

### VisionFlex Features

- Patented UltraVim Technology
- Up to 9,000 Parts Per Hour
- 40 Stacked Tray Capacity
- Just Over One Meter Square
- Advanced Motion Technology
- Industry Preferred Vision



## ULTRAVIM PLUS

The UltraVim Plus can inspect most BGA/CSP parts in 3D in less than 200 milliseconds, with a standstill time of less than 90 milliseconds. Most gullwing and J-lead parts can be inspected in less than 200 milliseconds with a standstill time of less than 50 milliseconds. The high speeds are achieved by combining our patented stereo vision technology with digital camera technology. Our small size and standard I/O interface make it easy to integrate in existing design.

### UltraVim Plus Features

- Patented UltraVim Technology
- No Calibration or User Adjustments
- Easy Setup, Training and Maintenance
- Extensive Data, Charts & Reports
- Gull Wing, J-Lead, BGA/CSP Devices
- Windows NT Point & Click Interface



# SCANNER

TECHNOLOGIES CORPORATION

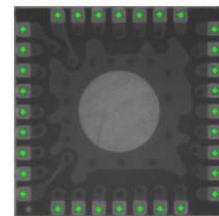
## *ULTRAVIM*

The UltraVim module can inspect most BGA/CSP parts in 2D in less than 300 milliseconds, with a standstill time of less than 50 milliseconds. Most gullwing and J-lead parts can be inspected in less than 200 milliseconds with a standstill time of less than 50 milliseconds. Our patented stereo vision technology provides excellent accuracy with no user calibration required.



## *ULTRAVIM LEADLESS*

The UltraVim module can also be configured for leadless chip inspection. Inspection parameters include board width, board length, grid offset, pad position, and pad size. Custom optics and digital imaging give the system excellent accuracy and repeatability. Additional cameras can be added for mark inspection or other options.



## *ULTRAMARK*

The UltraMark system provides high-speed ink and laser mark inspection. Users can select tolerances for correlation, contrast, position and rotation. Multiple search windows can be used to define characters as logos or pin1 identification marks. The software can learn from multiple parts for more accurate results. All of these settings can be saved in custom part files for easy setup.



## *ULTRALEAD*

The UltraLead system provides high-speed in-tape and in-tray lead inspection. Most parts can be inspected in less than 100 milliseconds with a standstill time less than 40 milliseconds. Parfocal optics make setup quick and easy. Users can draw a search window with the mouse to calibrate the system. Individual tolerances can be set for different measurements. All of these settings can be saved in custom part files.



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