



_____Product Release_____

SLIM





Main features of a basic SLIM system are:

- Displays line by line scroll image of full web width, which is displayed on a color VGA or RGBS monitor
- Capture and zoom display of defect images as they occur.
- Is a standard add-on system for Sick Optic-Electronic* Inspection Systems for scroll and defect image and zoom modes, a stand-alone system for any inspection system for scroll mode.
- Crossweb/downweb pixel resolution combinations available: 1024/8192, 2048/4096, 4096/2048, 8192/1024.
- A/D conversion: 4 channel A/D converter board, up to 25 MHz pixel conversion rate, 8 bit resolution (256 grey scale levels).
- Image colors are user selectable from color scale menus, 256 colors from a palette of 16 million colors are available.
- Display processor: High resolution graphics with true color capabilities, 2 Mbyte display memory, 1024 x 768 pixel resolution,
- An optional video splitter and extender can send the display to multiple monitors and to anywhere in the plant.
- The scroll movement is synchronized with either the start of scan pulse or web movement
- The scroll speed is adjustable with a software parameter.
- A scroll zoom allows for viewing narrower widths.
- Stop/Last Material function allows viewing of full video memory in all channels,
- An additional channel can be easily added by purchasing a second memory board (LIME), then enabling it in software.
- The user menus are in an OS9 Windows real time operating system environment.
- Networking hardware, an Ethernet port, and four RS232 serial ports are a standard feature of the CPU board.
- Networking application software is a standard feature of the OS9 operating system.
- Removable media storage devices: Floppy drive (standard), tape drive (optional) for large number of files and system backups.

A basic SLIM system provides a one channel system that includes full web width scroll of the moving web material, the defect capture and display mode, and networking hardware and software. Add-on options are available, such as an extra channel memory board, video splitter/extender, and automatic storage of images software.

* and systems provided by Rheinmettal Sick Inspection (RSI), Surface Inspection Systems (SIS), and Jenoptik Surface Inspection, (JOSI)

