**FEATURES**

**Camera**
- High quality, professional grade 3 CCD camera yielding 800 image lines of resolution for greater image quality and color fidelity.
- Precision 6:1 motorized zoom lens with +7 diopter. Maximum field of view 4" x 3" (101.6mm x 76.2mm), minimum field of view 0.6" x 0.4" (15.2mm x 10.1mm).
- 20' (6.1m) harness cable for camera connections to electronic housing (custom lengths available).
- Operator control of lens adjustments (Iris, Focus, Zoom) made from hand-held remote.
- Industrial camera housing for harsh pressroom environments.
- Dual super high intensity Xenon strobe assemblies with proprietary circuitry for optimum image lighting. Integrated strobe shroud is 3 way adjustable to insure balance lighting.

**Electronic Housing**
- All metal industrial grade electronics housing. Static protected and grounded with 6’ (2.8) power connector.
- Auto ranging power supply 100-250V 50/60Hz with cooling fan.
- Proprietary 24 bit frame grabber with a color palette of 16.7 million colors. Industrial style EPROM firmware.
- “Plug and Play” connections for remote/second display monitor
- Lighted on/off power switch.

The one touch remote control and on screen display makes the 2000 Series incredibly easy to use.

Larger field of view for wide web applications*
2000 SERIES

Software

- On screen display programming for advanced system operation and super fast gear count setting.
- Two modes of operation: Run and Set-up. Set-up allows continuous strobe flash and image capture when press is idle.
- Operator adjustable linear Scan automatically steps through the repeat.
- Simple manual image movement up or down the repeat via handheld remote control for quickly locating repeat image.
- Multi-Mode Split Screen for master image storage and comparison (15 configurations including tile, mosaic, horizontal & vertical).

Camera Position Options

- Fully motorized across web positioning.
- 3 mode Automatic Constant Scan with electronic limit switches for continual inspection scan routines; across the web and then down or up the repeat, down or up the repeat and then across, or across the web width only. ACS patterns and re-calibration of varying web widths are operator configurable via the onscreen display.
- Simple Programmable Scan for inspection up to 12 critical areas of interest in 3 recallable banks of customized scan routines (total 36 positions).

Camera / Lens / Strobe Options

- Expanded Field of View 5" x 4" (127mm x 101.6mm) (larger shroud subject to press space).
- Expanded Field of View 8.5" x 6.5" (215.9mm x 165.1mm) with 10:1 zoom lens (larger shroud subject to press space)*.
- Automatic recall of lens (zoom, iris) settings at appropriate Simple Programmable Scan position (only available with upgrade to SPS).
- 2 camera systems for simultaneous inspection of different web locations (front & back or same surface).
- Backlighting for front to back register inspection on transparent and semi-opaque substrates.
- UV enhancing strobe lights for inspection of over gloss, inks containing UV brightener (larger shroud subject to press space).

Miscellaneous Options

- Larger or multiple display monitors.
- Panel or rack mount components.
- Air-cooled or explosion proof enclosures.
- Encoders, Intrinsically Safe barriers.
- Top of Form or Reset Sensors.
- UHMW white backup plates for inspection of clear films.

Miscellaneous Standards

- Narrow, Mid and Wide web compatible.
- Color Coded Icon based remote control with tactical feel touch buttons and on/off feature LED indicators for total system control.
- 17" non-interlaced high resolution SVGA display monitor.

CUSTOMER REPORTED BENEFITS

- Reduced material waste.
- Shorter set-up time, less downtime.
- Increased press speeds.
- Higher print quality, fewer customer rejects.
- Increase in overall productivity.

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