

Comes with a PC/command console with dual monitors and a press-mountable warning light stack.



Traverse arm allows fluid movement of motorized SpectroVision head. Fits web widths up to 6 feet.

ChromaQA software automatically analyzes color, density, gray balance/G7, and TVI. Instantly informs operator of the exact ink and machine-level actions they need to take to achieve optimal color. Reporting is easy, too.

Spectrophotometer measures color precisely while a high-res 2D camera reads bar codes and registration marks and provides for live web viewing.

Affordable Inline Color Measurement for Any Web Press

SpectroVision is the inline color measurement system that's incredibly precise and powerful, and yet it's an easy and affordable retrofit to any web press. With SpectroVision in place you'll speed through make readies and maintain color consistency throughout your entire press run. By catching and correcting potential color and quality problems before they occur, you'll reduce waste and increase the profit of every job. New press operators will require less training and become more personally productive on each shift. And while your customers are loving the consistency and accuracy of every product you deliver, your company will be enjoying continuous quality improvement rooted in insightful data.

Specifications

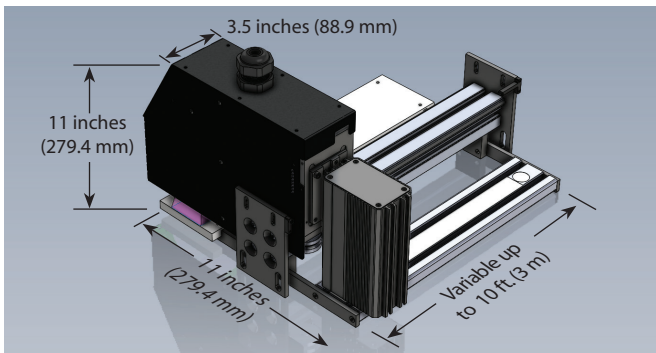
Measurement technology:	Spectral remission and color density determination to ISO 5-3/4
Measurement geometry:	45/0° to DIN 5033
Spectral range:	400 to 700 nm in 10nm steps
Measurement conditions:	ISO 13655:2009 <ul style="list-style-type: none"> • M0 – No filter, UV included • M1 – Daylight, D50 • M2 – UV Cutoff filter, UV excluded
Press speed:	Up to 5,000 ft/sec
Color bar scanning:	Up to 100 Patches (5mm)
Data refresh:	Every 5-10 seconds
Measurement aperture:	3.0 mm x 3.0 mm
Distance from media:	3 mm
Light source:	LED pack
Short term repeatability:	0.05 Eab on white BCRA tile
Inter instrument agreement:	0.30 Eab average on BCRA tiles
Calibration:	Automatic on integrated ISO white reference plaque
Operating environment:	0° to 40° C (non-condensing humidity)

Advanced Color Spectrophotometry

At SpectroVision's core is an advanced scanning spectrophotometer that captures ISO compliant, full 31-point, spectral data at incredible speeds. It measures and reports full spectral, colorimetric, density, and tone value information from color patches, color bars, and specific in-image locations. Routine, absolute, white calibration of the spectrophotometer is completely automatic with no operator intervention.

Integrated Web Viewing System

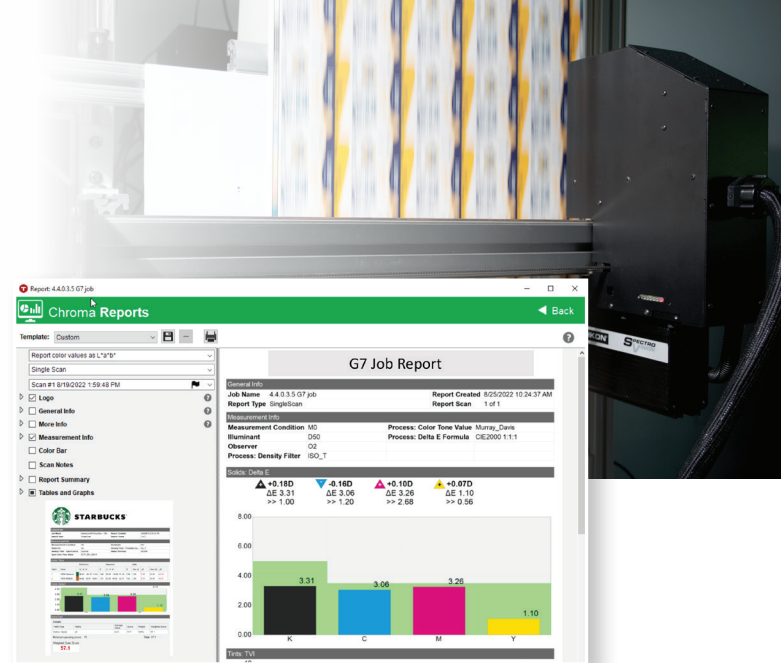
Another key component to SpectroVision is a high-resolution 2D camera that captures stop-motion images from the moving web at full production print speeds. This allows the system to perform ISO/ANSI style bar code grading of almost 100 different printed bar code types and enables the system to offer robust live web viewing of registration marks, small text, and more.



The entire inline system is mounted to a traverse arm which provides mobility across the full web width to precisely measure color bars and bar codes, and perform live web viewing at any location within the image repeat. SpectroVision's small footprint allows it to fit any press.

ChromaQA Delivers Data to the Floor—and the Cloud

ChromaQA™ is an enterprise capable color quality software platform that is tailored for achieving maximum efficiency from your web presses. In addition to 4-color process work and spot colors, ChromaQA is excellent for managing wide gamut and ECG jobs, tracking G7 compliance, comparing hue shift to chroma and lightness shift, and more. Job reporting, data query, and customized scorecards are easy to produce and saved on the cloud to provide visibility for both internal quality managers as well as external customers.



SpectroVision pays back fast in 3 ways:

1. Reduce make ready times by getting to color fast.
2. Reduce substrate waste during make ready and production by getting on color and staying on color. SpectroVision also detects press issues and warns operators before they become costly failures.
3. Longer term profitability goals are achieved when detailed performance reports of presses and shifts reveal opportunities for increased efficiencies across the enterprise. SpectroVision also takes away guesswork and reduces the knowledge needed to run a press. New press operators can be effective fast and soon operate several presses at once.

SpectroVision with ChromaQA ultimately facilitates continuous process improvement and enables the highest customer satisfaction.

Next Steps

See SpectroVision in Action

www.techkonusa.com/products-2/spectrovision-inline-spectrophotometer

Ask a Technical Support Question

www.techkonusa.com/technical-assistance-for-color-and-print-quality-professionals

Request Pricing

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