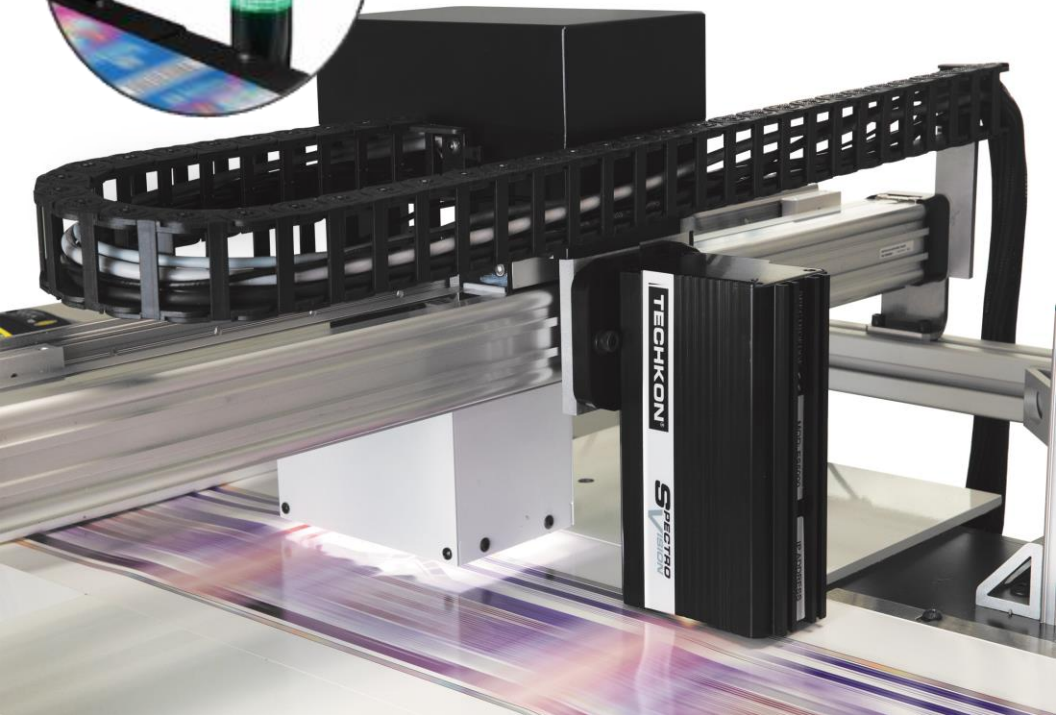


# SPECTRO VISION

Spectro-Densitometer | Web Viewer | Bar Code Grader



Inline Color Measurement  
for Any Web Press



We're #colorpeople

**TECHKON**

The advanced **SpectroVision Spectrophotometer** measures full 31-point spectral, colorimetric, density, and tone value information from color bars, patches or in-image locations precisely at typical production speeds

A high-res 2D camera reads **bar codes** and registration marks, can locate color bars automatically, and provides for live **web viewing**

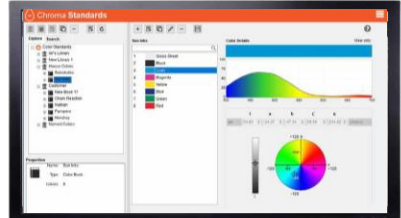
**Traverse arm** allows fluid movement of motorized SpectroVision head. Fits even wide web presses.

Comes with a PC/command console with **dual monitors** and a press-mountable **warning light stack** that alerts to minor shifts so actions can be taken before going off-color

**ChromaQA cloud 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.



**Faster Make-Ready  
Less Waste  
Easy Operation  
Color Consistency**



## SpectroVision 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 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:	3mm
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)

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# TECHKON