

SpectraLab II

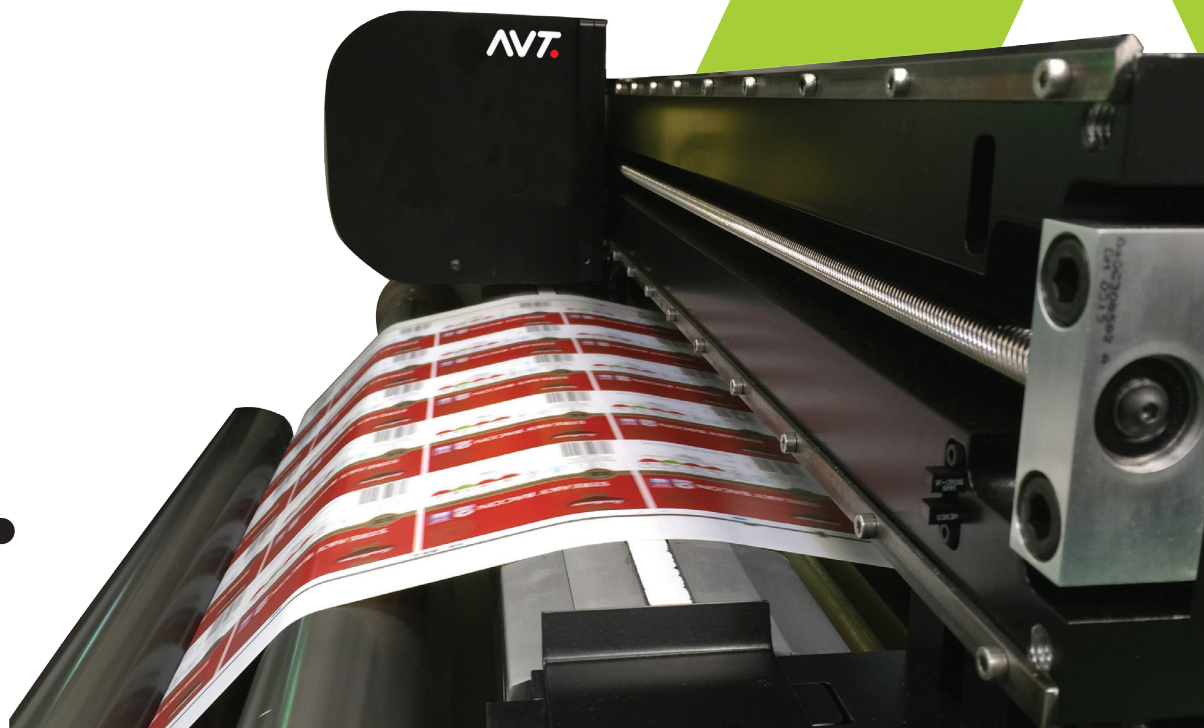
In-line Automated Spectral Measurement Color Solution for the Packaging & Labels Printing Markets

Global standards drive brand owners to demand no less than perfect brand colors and brand identity for their packaging and labels. As a result, modern printers are required to print to the numbers, using objective tools and procedures and do so while manufacturing at the highest production speeds and volumes.

Based on AVT's award winning SpectraLab platform, with tens of installations worldwide, **SpectraLab II**, the company's in-line spectral measurement and monitoring device, offers new levels of automation, introducing enhanced in-line to offline color measurement correlation. SpectraLab II ensures that you print to the numbers, supporting your color make-ready and production, saving valuable time and costly press stops.

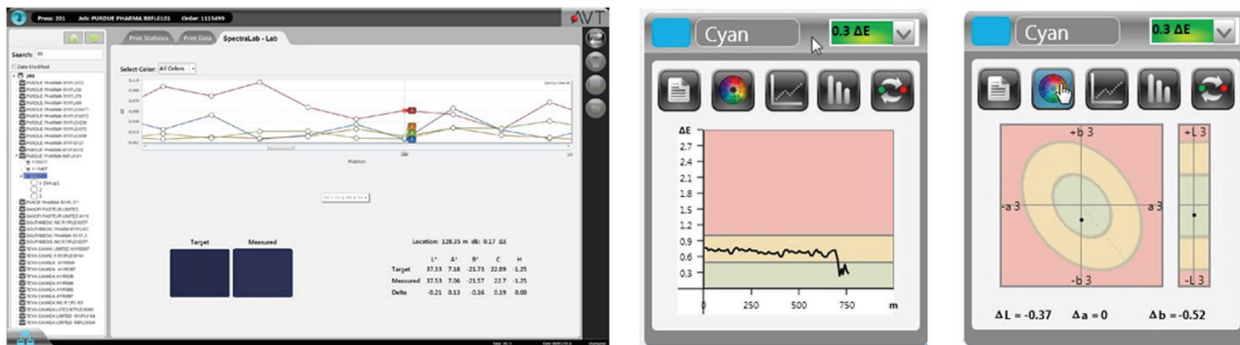
The AVT logo consists of the letters 'AVT' in a bold, black, sans-serif font. A small red dot is positioned at the bottom right of the letter 'T'.

AVT.



Innovative system controls your print color

Supporting the highest possible production speeds, **SpectraLab II** effectively measures color on variety of substrates, from paper and carton boards to flexible materials. With enhanced color reporting and immediate alerts when colors shift out of tolerance, SpectraLab II supports common file standards, to easily communicate with 3rd party reporting systems and databases.



Features and Benefits:

- Real ISO standard Spectrophotometer for absolute L*a*b*, Density and Dot Gain measurement
- Measures either on color patches or in-image areas
- Measures during make-ready and production at full press speeds - no need for press stops
- Small form-factor and optimized “between the press frame” design for new or retrofit installation
- Color import and export capabilities support industry-standard formats
- Clear, easy-to-use display of all color measurements, trends, thresholds and visual comparisons
- Built-in color reporting mechanisms for press-side and post-production analyses

Technical Specifications:

- **Supported materials:** Clear and white films, paper and carton board
- **Target size:** Uniform 6x6mm area or circle of 6mm diameter
- **Measuring geometry and area:** 0/45°, aperture of 1.5mm
- **Light source:** Xenon lamp
- **Illuminant types:** D50, D55, D65
- **Standard observers:** 2° & 10° according to CIE standard
- **Measurement range:** Reflectance 0-150%, 400-700nm; Optical reflection density 0-2.5D
- **Reported spectral interval:** 10nm
- **Operating temperature range:** 0°-50°C (32°-122° F)
- **Operating relative humidity:** 80% RH maximum, non-condensing

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The Printer's Choice |

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