

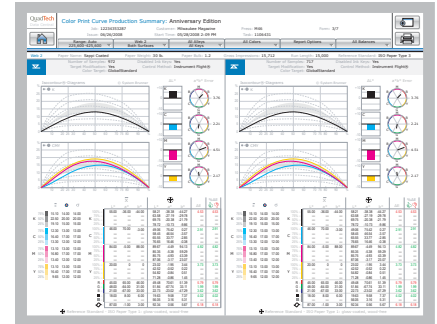
## QuadTech® Data Central® Colorimetric Reports

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$L^*a^*b^*$ ,  $\Delta E$  and TVI – key print attributes for monitoring industry standards – are readily available in our concise easy-to-use reports.

*Today's competitive environment not only demands perfect proof-to-product color reproduction, but requires you to achieve exceptional results quickly, efficiently and cost-effectively. Now there's a powerful reporting option that will significantly advance your color management efforts and enable you to more easily demonstrate your adherence to industry standards.*

### A powerful tool for documenting compliance to standards.

Our Colorimetric Reporting package – available for QuadTech Color Control Systems with our innovative SpectralCam™ – is specifically designed to help you analyze and document how well your print jobs comply with print industry standards: such as GRACoL, System Brunner GlobalStandard® and ISO 12647-2.

### The reports you want

The Colorimetric Reporting option provides comprehensive statistical reports, which arm you with valuable information to assess product quality, color reproduction and press performance.

### Effective color management

- The Color  $\Delta E$  and  $L^*a^*b^*$  Report enables you to quickly see if print run measurements are falling within the expected color gamut.
- The Color Print Curve Production Summary shows a concise view of  $L^*a^*b^*$ ,  $\Delta E$  and other key print attributes combined with tone value curves.
- The Color Production Summary Report provides a tabular view of important job summary statistics including  $L^*a^*b^*$  and  $\Delta E$  data for both process and special colors.
- The  $L^*a^*b^*$  Data Export adds to our existing densitometric data export capabilities, allowing you to generate per surface export data files containing  $L^*a^*b^*$  data. The raw  $L^*a^*b^*$  data can then be imported into other systems or used to create your own customized report formats.

# QuadTech® Data Central® Colorimetric Reports



See at-a-glance if you're printing within the  $L^*a^*b^*$ ,  $\Delta E$  and tonal value increase ranges defined in applicable industry standards.



Our reports quickly show you the difference of the measured values to the baseline values from the standard, as well as the measured values to the color OK.

## Benefits to fuel your competitive edge

QuadTech Color Control systems using SpectralCam and Data Central Colorimetric Reporting provide you with these key benefits:

### Effective color management to enhance print quality

- Implementation of a color-managed workflow requires an understanding of the print capabilities of your presses. Our Colorimetric reporting aids in quantifying how your press is printing today. It also gives you an easy way to collect data on each job and verify if your press is staying within its optimal operating zone.
- Our reports help you measure the stability of your color reproduction process and allow you to detect and correct process variations that impact the quality of your printed product.
- Variables entered at job setup such as paper grade, name and weight can be used to spot material-related trends. This enables you to determine when to make necessary adjustments in prepress in order to deliver the accurate proof-to-print color matching your customers expect.

## Adherence to industry standards

You can easily determine if measured values for key print attributes are within the tolerance ranges specified by the applicable specifications or standards. These key print attributes include:

- $L^*a^*b^*$  and  $\Delta E$  for process color solids.
- $L^*a^*b^*$  and  $\Delta E$  for 2-Color RGB solid overprints.
- $L^*a^*b^*$  and  $\Delta E$  for 3-Color (CMY) solid overprints.
- $L^*a^*b^*$  and  $\Delta E$  for 3-Color (CMY) tone value overprints.
- $L^*a^*b^*$  and  $\Delta E$  for paper.
- Tone Value Increase (TVI) for process colors.
- Densities of process colors.

You'll be able to quickly see the difference of the measured values to the baseline values from the standard, as well as the measured values to the color OK.

## Minimized Rebates and Reruns

Quickly generate reports that give you the data you need to document and quantify job quality.

## May we tell you more?

At QuadTech, we're leveraging the knowledge we've gained from our printing heritage to develop innovative solutions for the challenges you face every day.

For more details, please give us a call today.

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