

TECHKON ChromaQA v3.0

Color Quality Assurance Software

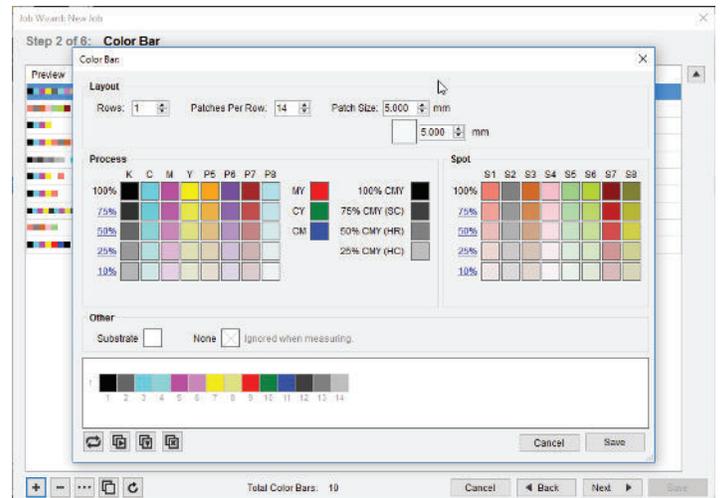
ChromaQA V.3.0 is a color quality software solution that provides packaging and commercial printers with a powerful set of tools designed to monitor the color quality of jobs on press, reduce the number of re-makes, and recognize a significant savings in ink and paper by detecting problems early in the print production process.

ChromaQA gives users the ability to define aim values and color tolerances for Density, Delta E, Dot Gain, and more providing immediate feedback on how well the job is conforming to industry or customer specified tolerances. Create detailed trending and statistical reports and delight your customers by meeting their exact color specifications.

ChromaQA utilizes a client/server architecture. All customer data is stored, backed-up, and retrieved from one centralized location on the Amazon AWS cloud server. The client/server architecture allows printers with a single press, multiple presses, and even multiple print facilities, to remotely create, manage and monitor customer jobs in real time or at the completion of a press run.

How it works:

1. A Job is created which defines the key colors to be monitored along with the reference or aim values for those colors and customer specific pass/fail tolerances.
2. The job moves into production where live, measured, data is compared to the reference in real time and the pressmen is guided to reach the desired color standards.
3. When the run is complete, Summary and Trend reports can be generated verifying adherence to customer tolerances or industry standard printing conditions.



Key Features

Easy to Use

Designed for everyday print production personnel. Features simple, easy to understand graphs, icons, and indicators to quickly communicate print status. The new job wizard, along with predefined user settings, industry standards, and tolerances make it easy to use immediately.

Client/Server Architecture

Manage users, color libraries, tolerances, jobs, reports, etc. from any location. Your database is hosted by Techkon USA on the Amazon AWS cloud server for safety and security.

G7 Metrics

Built in G7 metrics and tolerancing allows for evaluation of G7 performance and compliance.

Pass/Fail Verification

User defined aims and tolerance information can be assigned to each color and color bar element within a job. Pass/Fail indicators provide instant feedback after every measurement.

Built-in ScoreCards

A complete, fully customizable, scoring system is built in. Weights can also be assigned to each color bar element and rolled up into a single ScoreCard metric for an overall Pass/Fail indication for the job.

Customizable Dashboard

With a single glance, the user defined dashboard allows press operators to see exactly the information they want regarding job quality and corrective actions.

Techkon InkCheck

InkCheck uses spectral information to quantify how far out of tolerance a color is printed and suggests specific ink density changes to minimize the color differences and quickly achieve the best possible color match.

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Role Based User Personas

An Administrator adds new users, defines roles, and sets access to jobs, groups, and each component of the software.

Summary and Trend Reports

Create custom report templates or use the built-in templates to quickly generate and view Summary and Trend reports. Save, print, and share reports with your customers.

ColorEnsure™

Before each measurement, ChromaQA's ColorEnsure feature automatically configures the measurement condition and instrument settings of all connected SpectroDens devices to exactly match those specified in the print job.

Schawk! ColorDrive

Support for two-way communication with the Schawk! ColorDrive print quality management platform has never been easier. Live quality scores are automatically computed and displayed to operators while manually scored items such as color-to-color registration & visual defects can be entered during or after the pressrun.

Minimum System Requirements:

- Microsoft Windows® 7, Microsoft Windows® 8.1, or Microsoft Windows® 10
- x64 Processor: 1.4 GHz
- 2GB RAM
- 1GB of available disk space
- Monitor resolution of 1200 x 800 pixels or higher
- Powered USB port
- Internet connection



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