

Techkon USA announces major new software release "ChromaQA 6 with SmartInk"

TECHKON USA is announcing today a major new release of its award-winning ink & pressroom color management suite CHROMA QA 6 with SmartInk.

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Danvers, MA (January 29, 2025)

TECHKON USA is announcing today a major new release of its award-winning* ink & pressroom color management suite CHROMA QA 6 with SmartInk. ChromaQA 6 makes color management for brands, printers, converters, and ink providers a breeze

with its entirely redesigned, easy-to-use, user interface and powerful new features for color matching, corrections, and standards management. ChromaQA6 combines several software packages into one, providing seamless cloud-based color quality control workflows, without the pain points of other software and at a fraction of the cost.

“

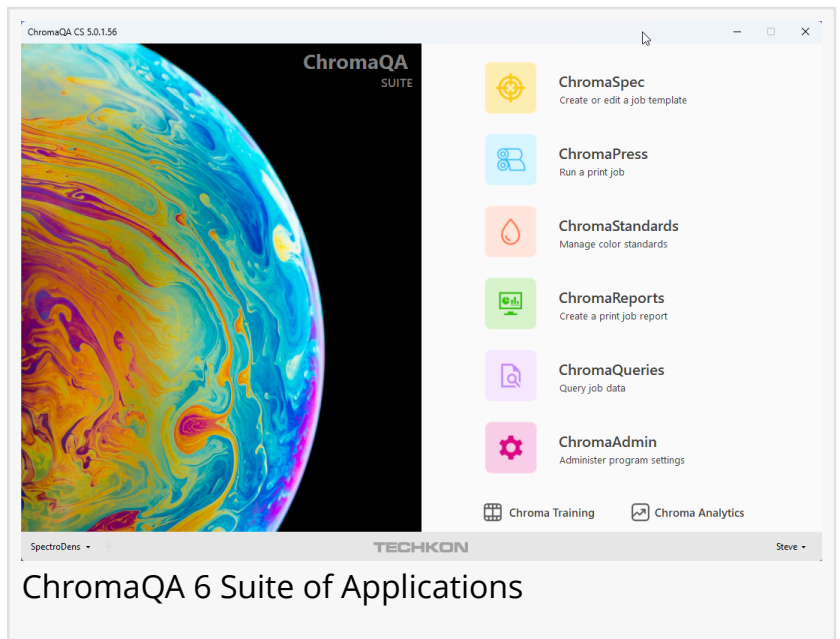
Once you try ChromaQA 6, you will realize how much easier managing, correcting and organizing your color can be”

*George Adam, President
Techkon USA*

For more information about ChromaQA 6 with SmartInk, please visit [the chromaQA 6 website](#)

(* winner of the 2024 FTA Technical Innovation Award)

New Feature Highlights of ChromaQA 6 include:



ChromaQA 6 Suite of Applications

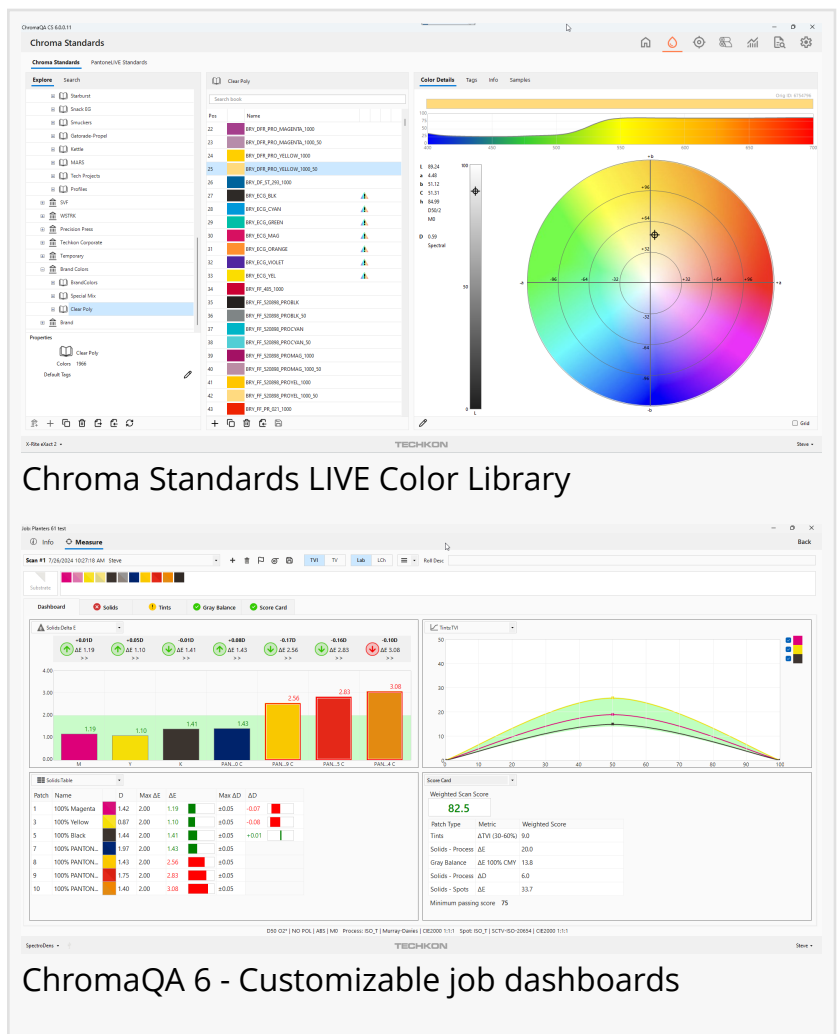
* A completely new user interface provides a modern, clean, look & feel for easier and more intuitive workflows that won't slow you down in the heat of production.

* Major update to the award-winning SmartInk AI ink toning engine! The groundbreaking ink toning technology SmartInk (only available in ChromaQA), that uses AI for precise recipe corrections in the ink room and right on press, has been further refined for higher accuracy,

even faster matching, and now provides specific optimization methods:

- “Automatic” - favors recipe correction with best spectral curve matching
- “Lowest deltaE” - favors recipe correction with lowest resulting dE
- “Lowest Ink Amount” - favors recipe correction using less ink with a dE still under 1.0

* New averaging feature allows to create color standards faster and more accurately! Chroma Standards now allows for using multiple measurements when creating new standards. ChromaQA automatically averages together all measurements, perfect when measuring ink drawdowns or other materials with color variations where an average will help to smooth out the measurements. With Chroma Standards, you can also manage your own “live”, cloud-based, library of colors that are specific to your inks, substrates, and print processes, ensuring that all locations are targeting achievable color standards. Also, Chroma Standards can automatically identify and eliminate duplicate colors to ensure a clean database.



* New localizations and embedded training videos in multiple languages (English, German, Spanish, French, Polish, Serbian) make it easy to learn how to use ChromaQA without a steep learning curve

* New OmniConnect drivers allow using handheld spectrophotometer devices from third party manufacturers directly via USB connection without the need for third party software.

“ChromaQA 6 is setting new standards for color QC software with its unparalleled ease of use, seamless interconnectivity across teams & workflows, and unique features like SmartInk and our Standards module that are not available anywhere else”, said Stephen Rankin, Director Product Management at Techkon USA.

“Once you try ChromaQA 6, you will realize how much easier managing, correcting and organizing your color can be”, said George Adam, President of Techkon USA.

About ChromaQA 6 with SmartInk

ChromaQA 6 with SmartInk is already in use at hundreds of print facilities worldwide. It provides brands, print providers and designers with an affordable comprehensive alternative color management solution that is more modern, better designed, and much more intuitive to use than competing solutions in the industry.

ChromaQA 6 with SmartInk also features innovative new technology not found anywhere else, such as the SmartInk AI ink toning engine for confidently toning ink on press and in the ink room, and the Chroma Standards ink database with powerful features to organize base inks, avoid duplicates, and communicate tolerances across the entire print workflow, from design to pre-press to production.

ChromaQA 6 with SmartInk features at-a-glance

Color Standards & Ink Management

Store & Organize Color Standards

Create dependent color standards for your specific substrate and print conditions. Store in book & library hierarchy and share across your organization.

QC Ink Batches

Measures drawdowns and see PASS/FAIL indication for ΔE , Ink Strength, Metamerism Index & Opacity. SmartInk's ink formulation engine provides ink recipe corrections.

Powerful Search

Search and location colors by Name, Custom Tags, and even ΔE matching tolerances.

Pressroom Quality Control

Real-Time PASS/FAIL Feedback

Press operators instantly see key color metrics like Δ Density, ΔE , Δ TVI, G7, and more.

Measure against Industry Standards

Create jobs and measure against ISO, G7, Fogra, or your own custom color standards.

Corrective Actions

ChromaQA distills color measurements into clear, precise, and actionable feedback for press operators. SmartInk can even provide ink recipe corrections, removing the guesswork when toning inks on press.

Trending & Scorecards

See trends over long press runs to monitor performance. Create customized ScoreCards to ensure job compliance with brand customer's tolerances.

ChromaQA with SmartInk Recipe Correction

Eliminate the Guesswork when Toning Ink on Press

ChromaQA with SmartInk's ink formulation engine instantly provides ink recipe corrections to press operators.

Intelligent Ink Recipe Correction

Get ink recipe corrections in the ink department to match colors faster or repurpose your work-off ink.

Easy to Use

The simplified formulation engine is easy to use and works with your base inks and substrates.

Next-Level Analytics & Reporting

Custom Dashboards

Powerful queries let you customize and create exactly the charts and graphs you need to analyze your color production data.

Chroma Analytics Web-based Reporting

See the latest job scores, ΔE results, and more right from your laptop, tablet, or phone.

PQX Job Reports

Create customized job reports for internal stakeholders or brand customers and export as PQX or PDF.

About TECHKON

Techkon is the innovation leader in densitometers, spectrophotometers and color software solutions for the global print community. With a track record of nearly 40 years of continued technological excellence, Techkon products are chosen for their high degree of measurement accuracy, repeatability, reliability and ease of operation in all sectors of the printing industry. Techkon's innovative color measurement solutions have led to highly successful implementations by leading OEM press manufacturers, brand owners, and large commercial printers, yielding drastic gains in quality, productivity and cost savings.

For more information, please visit our website at techkonusa.com.

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