

## Web based Color management for lab and production



## ColorMasterConnect

**Your ultimate web based color management solution.**

The expert system for recipe management and color measurement is suitable for production as well as laboratory. ColorMasterConnect makes sure that the best and most cost-effective recipe is calculated. It offers the best possible treatment and defines the correct dye program.

Colorimetric control of different production steps and calculation of additions for additional treatments enhance its functionality. The exact calculation of color recipes save a lot of dyestuffs, chemicals and costs. This makes ColorMasterConnect a great tool for all dyeing and finishing plants.



Web based for all devices/easy updates



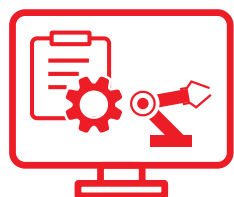
**SedoTreepoint**

Experts in process optimization

## The new web based solution offers many benefits:



**Web-based** desktop application, designed to streamline lab and production processes across multiple operating systems and devices.



**Color measurement** by flexible connectivity to all kinds of spectrophotometers used in the textile industry.



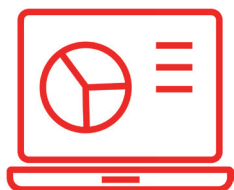
**Colorimetric quality control** offers a precise color evaluation Pass/Fail for lab and production based on defined tolerance ranges.



**Dyestuff recipe prediction** of exhaust, continuous and print recipes. Selection of calculated recipes according to criteria, like color difference, metamerism, price. Formula correction, graphical and numerical analysis of calibration data and more features are supported.



**Process optimization** is based on logical rules applied to process parameters, process treatments, water quantity, chemicals and auxiliaries to archive economical and environment friendly processes and improve reproducible qualities.

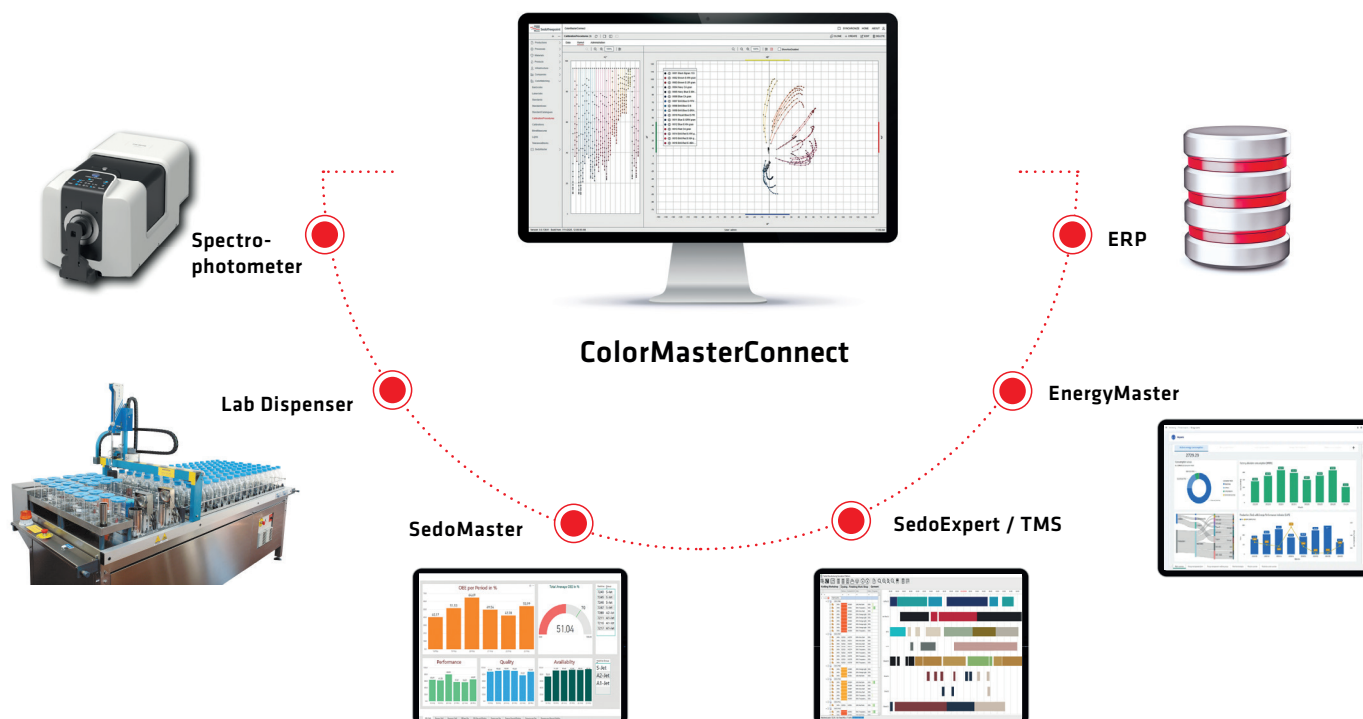


**Production calculation** for dye lots is automated by integration with SedoMaster Planboard. Production papers will be printed and digitally down streamed to machine controllers and bulk dispensing and product weighing systems.



**SedoMaster integration** is a core rule to utilize the work process on a digital level and to distribute the optimized processes to the integrated machine controllers. With the **ERP interface** you synchronize also production and recipe data.

## Concept



## Features

- **RFT improvement** by using an expert system for recipe and process
- **Time and cost savings** can be achieved through reduced recipe and process costs, fewer lab dyeing's and improved lab-to-production transfer
- **Quality enhancement** by optimized recipes that ensure good dyeing behavior, along with quick and objective PASS/FAIL decisions
- **Production recipes** providing required preparation lists for automatic bulk dispensing
- **Improved digital color communication** with customers
- **Efficiency boost** by process optimization and integration with SedoMaster
- **Environmental protection** through reduction of water pollution and energy usage
- **Colorimetric search** with the customer sample supports easily finding a similar recipe and can optimize it to the new sample. In this way laboratory work is reduced and the transfer lab/production is greatly enhanced.
- **Reproducible recipes** due to the further intelligent laboratory applications. It ensures that the calculated recipes matches the color sample, is optimized for metamerism, is color consistent and inexpensive.
- **Production control** is supported by the integrated addition calculation. Correction treatments like additions and washing treatments are stored with batch data. The dyestuff and chemical consumption is exactly registered.

## Color matching / color measurement

The powerful colorimetric software supports the creation of recipes for laboratory and production. Its clear administration of calibration series and corresponding dye processes streamlines efficient color development. With integrated PASS/FAIL functions and the capability to calculate necessary additions, ColorMasterConnect stands out as a true expert system for the dyeing and finishing industry.

## Modular system

ColorMasterConnect is a modular system that can be set up for a simple recipe and quality control system or to a complete system with production management. All modules are connected to the same database. It can be easily adapted according to the needs of new requirements for achieving high optimizations, quickly savings and improving the production carbon footprint.

To achieve a fully optimized, automated dye house, ColorMasterConnect, in combination with the SedoMaster management system, serves as a powerful and essential tool.

Specifications	Lab	Pro	Complete
Color measurement	✓		✓
Colormetric quality control	✓		✓
Dyestuff recipe prediction	✓		✓
Link lab dispenser	✓		✓
Recipe management		✓	✓
Process management		✓	✓
Graphical rule editor		✓	✓
Recipe calculation		✓	✓
Print production sheets		✓	✓
Addition calculation			✓
Link SedoMaster		✓	✓
Link ERP		✓	✓

## Why Sedo Treepoint?

- Nearly 50 years of experience in the textile industry
- 24/7 worldwide support
- Your processes. Our expertise. One complete solution.

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Technical specifications are subject to change without prior notice.  
 08/25

