

Dyestuff recipe calculation



Prisma

The Prisma recipe calculation system provides advanced colorimetric color matching. Recipes can be quickly and easily calculated, optimized, corrected and stored in a clear, easy-to-use recipe database.

Prisma is a part of the Sedo Treepoint product family and can therefore easily be connected to one or several other systems of the Sedo Treepoint product family. The system can be installed as Client-Server network application.



Applications

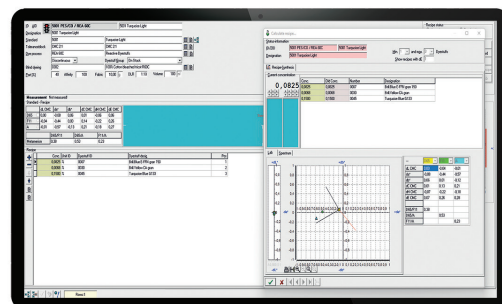
- Prediction of exhaust, continuous and print recipes
- Intelligent color matching based on proven recipes
- Grouping of dyestuff according to fastness and dyeing behavior for quick and systematic dyestuff selection
- Selection of calculated recipe according to criteria, e. g. color difference, metamerism, price etc.
- Computer simulation of the dyeing process for recipe optimization
- Formula correction and additions are possible in the laboratory and production areas
- Calculation of laboratory corrections and additions in production
- Storage of checked recipes in the color library
- Measure or import dyestuff data
- Graphical and numerical analysis of calibration data
- Integration of other systems, e. g. with laboratory dispensers and expansion with colorimetric quality control (QTex)

Features

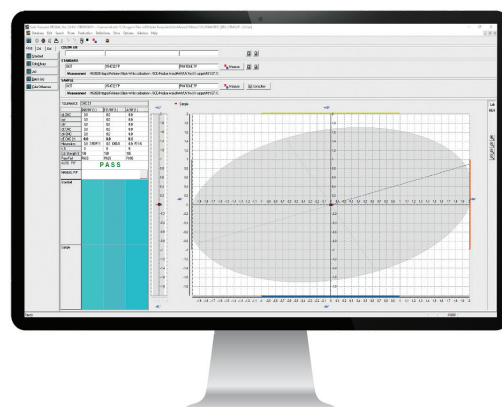
Time and cost savings can be achieved through reduced recipe costs, fewer lab dyeings and improved lab-to-production transfer

Also the quality is enhanced by optimized recipes that ensure good dyeing behavior, along with quick and objective PASS/FAIL decisions

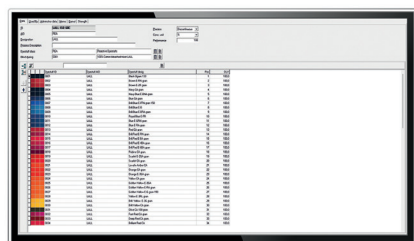
Furthermore, the flexibility and efficiency is increasing through precise and easy-to-use color matching, adaptation to a variety of substrates, quick conversion to new dyestuffs and improved color communication with customers.



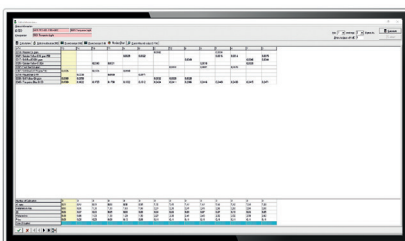
Calculated recipes



Color difference



Calibrations



Recipe selection

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Technical specifications are subject to change without prior notice.



SedoTreepoint

Experts in process optimization