Datacolor® Textile Lab Manager

Seamless Color Data Integration for the Textile Industry

Powerful and Flexible Laboratory Color Matching Software

Datacolor® Textile Lab Manager is a comprehensive color matching solution designed specifically for textile industry professionals. Featuring a **flexible data exchange interface**, **advanced functionalities**, and an **intuitive user interface**, it enhances laboratory efficiency while seamlessly integrating with enterprise systems.

By optimizing color matching workflows and reducing manual errors, Textile Lab Manager streamlines management processes, improves production efficiency, and minimizes operational costs—ultimately enhancing product quality and reducing defect rates.

Key Benefits

Streamline Color Management Processes

- Seamlessly integrates with enterprise systems via flexible data exchange interfaces.

- Reduces manual data entry errors, improving operational accuracy.

- Enhances laboratory efficiency by automating color data management.

Boost Production Efficiency

- Optimizes color matching workflows with a user-friendly interface.

- Reduces processing time and increases throughput.

Lower Operational Costs

- Enables precise control over formulations and production.

- Reduces waste, minimizes downtime, and lowers production costs.

Enhance Product Quality

- Improves accuracy and speed of color matching.

- Reduces color inconsistencies and defect rates.
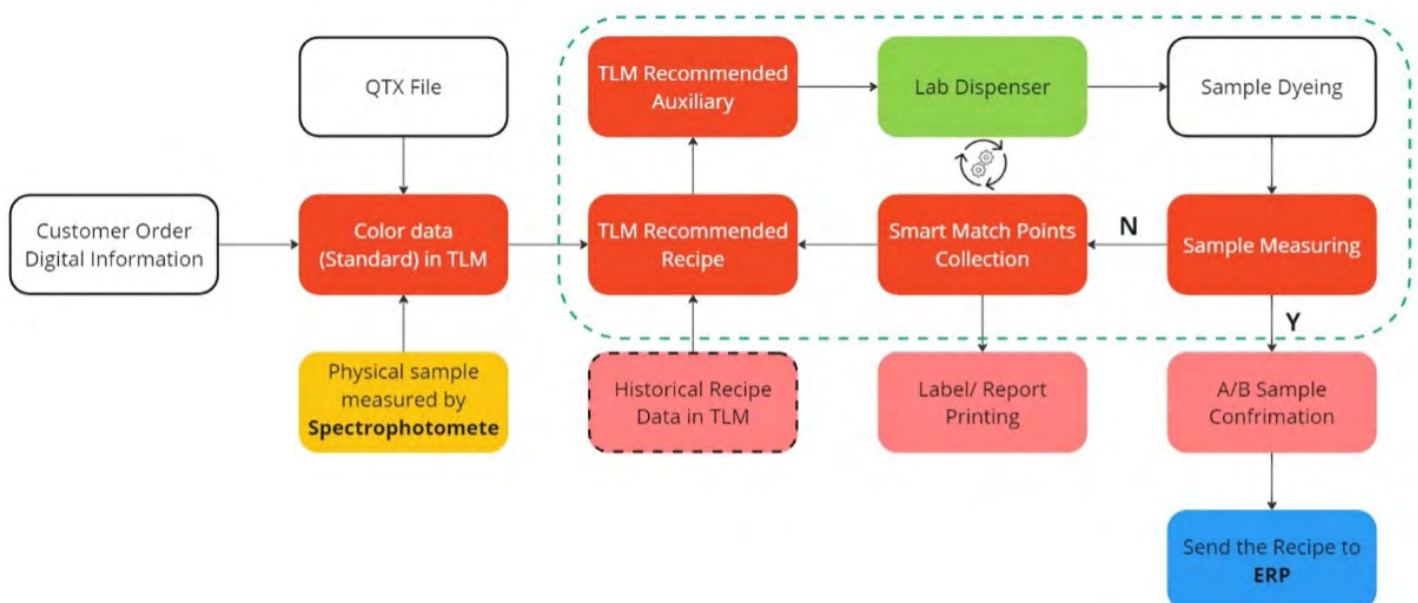
Flexible Data Exchange Interface

Textile Lab Manager provides seamless integration with multiple systems, ensuring smooth and efficient data flow across different platforms.

- **Color matching data** – Supports color sample, single color, formulation, and dye auxiliary data exchange.

- **Dispenser data*** – Interfaces with common dispenser brands for bidirectional formulation data exchange.

- **ERP System Integration** – Connects with ERP systems to manage tasks such as sampling, order assignments, A/B sample confirmations, and submission, enabling bidirectional data flow.

Contact Datacolor for the list of standard lab dispenser models supported.

TLM Workflow

Key Features

The distinctive features and flexible configuration options of Datacolor Textile Lab Manager enable the software to be tailored to the specific needs of each user.

1. **Job Management**
   - Workflow enables automatic status updates.
   - Workflows can be organized by queue, with each queue assigned to different lab techs.

2. **Automatic Recipe Matching**
   - Leverage historical data to automatically search and retrieve past recipe combinations, providing recommendations for the most optimal formulation.

3. **Automatic Recipe Searching & Correction**

4. **Automatic Historical Recipe Accumulation**

5. **Rule-based auxiliary management**

6. **Ability for Manual Editing Formula**

7. **Color Adjustment Through Graphical Interface**

8. **Task Progress Tracking**

9. **Employee Efficiency Statistics Report**

10. **Flexible Label Printing**

System requirements

Component	Requirement
Processor	Dual-core
Memory (RAM)	8GB
Hard Drive	500GB
Screen Resolution	Color display
Screen Size	1280 x 1024
Operating System	Windows 10, 11
Database	SQL Server Express 2012 or later
Server	Windows Server 2016, 2019, 2022