# Color matching and formulation with Colibri® ColorMatch

Develop new products and match your colors accurately and efficiently



Colibri ColorMatch software leverages multiflux technology in its advanced color and opacity matching algorithm, resulting in **higher first time right rates**, **fewer correction steps**, and **optimized pigment load**, saving you both time and cost.

## Superior Matching

- Highly efficient and accurate matching of opaque, translucent, and transparent colors
- Optimized pigment load to achieve your desired opacity while reducing cost
- Recipe calculation on different substrates
- Minimum correction steps required with efficient algorithm

## Efficient operations

- Out-of-the-box support for a broad range of spectrophotometers and dispensers
- Save time with pigment pre-selection according to application requirements such as light fastness, weather resistance, etc.

- Ability to replace colorants in existing formulas avoids time consuming reformulation
- Effective waste management increase material reuse and saves cost
- Database updates automatically with changes in color intensity, accounting for variations in base materials

## Simplified workflow

- User-friendly and intuitive user interface
- One colorant library supports variation of base material types and allows for faster adoption of new pigments
- Pre-defined templates ensure faster job completion
- Feature settings are customizable to match your application and workflow
- Superior 3D gamut viewer for visual comparison of competitive colors



A key component of the Colibri Color Management platform, ColorMatch combined with ColorSpec, ColorQuality, ColorTint and other modules provide customers with additional benefits:

- One software platform from design to production simplifies deployment and management
- Easy to train, use, maintain and reduces IT burden
- Integration into 3rd party software platforms streamlines production process
- Ability to correct formulation from quality control empowers more parties involved in the supply chain to approve and/or correct formulas or shades
- Analytics of production data enables data-driven business decision making
- Flexible on-premises or cloud deployment

# Configured to suit your specific needs

Colibri ColorMatch can be configured along with other Colibri modules to better suit your business needs and workflow.

- **ColorMatch Expert:** Ideal for large enterprises, with multiple manufacturing facilities, in the plastics and coatings industries developing and formulating colors. This premium configuration includes a full suite of functionalities to optimize formulas, perform batch formula calculation and quality control.

- **ColorMatch Standard:** Typical configuration for most common use case. Designed for laboratories to create formulas to be distributed to disparate facilities. This package offers the same level of formulation and quality control functionalities as the Expert level minus the ability to perform batch formula calculation.

- **ColorMatch Lite:** Created for facilities with minimum quality control needs that do not require the set-up of a colorant library and administration, such as a production facility, often used as an addition with Standard or Expert configurations.

- **ColorMatch Basic:** For companies with minimum quality control needs that do not require customization of templates, often smaller business with single operation with only one database.

Not sure which configuration is right for you, talk to our Color Expert for more details.

Visit our website for detailed specification requirements and to request a demonstration of Colibri.

# Software Specifications

| Feature | ColorMatch Expert | ColorMatch Standard | ColorMatch Basic | ColorMatch Lite |
|---|:---:|:---:|:---:|:---:|
| Match Color and Opacity Simultaneously | ✓ | ✓ | ✓ | ✓ |
| Thickness/Opacity Control | ✓ | ✓ | ✓ | ✓ |
| Optimize, Score and Sort Recipes | ✓ | ✓ | ✓ | ✓ |
| LabCH Offset Match | ✓ | ✓ | ✓ | ✓ |
| Recycle Management | ✓ | ✓ | ✓ | ✓ |
| Ingredient combination to avoid | ✓ | ✓ | ✓ | ✓ |
| Colorant Set Calibration and Administration | ✓ | ✓ | ✓ | ✗ |
| Product Template (includes Queue Function/batch formula calculation) | ✓ | ✗ | ✗ | ✗ |
| Intuitive Data Navigation with User Management | ✓ | ✓ | ✓ | ✓ |
| Global Industry-specific Application Support | ✓ | ✓ | ✓ | ✓ |
| User customized Templates | ✓ | ✓ | ✗ | ✓ |
| Gamut Viewer | ✓ | ✓ | ✓ | ✓ |
| Communication to Dispenser | ✓ | ✓ | ✓ | ✓ |
| Connect to Cloud and on-premise database | ✓ | ✓ | ✗ | ✓ |
| Integrated Quality Control | ✓ | ✓ | ✓ | ✓ |

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