ISOMATCH 3G:

Technology Advanced Color Matching.



EXPERT COLOR SCIENCE + DATABASE OPTIMIZATION

INTELLIGENT COLOR MATCHING

- ISOCOLOR with ISOMATCH 3G Suite is reinventing computer color matching in the most innovative fashion.
- ISOCOLOR is specialized in design-based high performance software programs for efficient color management.
- In addition to the performance of the proven ISOMATCH software with its precision in color recipes calculations, the **3G Suite** stands out for its design-based style and communication capabilities.
- The 3G color matching engine can be integrated with a synthesized Color Library Builder CLB V3 and a custom/client interface.



3G Suite

ISOQC 3G - ISOQC 3G FX - ISOMATCH 3G - ISOMATCH 3G FX - ISOBATCH 3G - COLOR LIBRARY BUILDER



ISOQC 3G:

Quality Control software program.

ISOQC FX:

Quality Control of Effects. Interfaced to Multi-Angle or ISOGON $^{\text{\tiny TM}}$ spectrophotometers.

Fig 1

ISOMATCH 3G:

Formulation in all modes (opaque, transparent, translucent) and all applications.

ISOMATCH 3G FX:

Formulation with pearlescent and metallic effect pigments. Interfaced to Multi-Angle or ISOGON TM spectrophotometers.

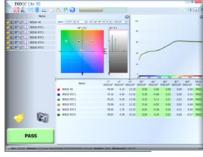


Fig 2

TECHNOLOGY:

- Color formulation results come from a single database calibrated with opaque, transparent, translucent, effects samples measured in reflectance, transmittance, over white and over black.
- Multi-theory color matching synthesis of Kubelka-Munk + Lambert-Beer + Many-flux.
- 4 intelligent Multi-Flux calculation engines: 1, 2, 4 and 32 Flux.
- Virtual Color Library Builder of the entire color space.
- 3G software available in a stand-alone personal computer version of a web/server edition.
- Real-time data networking enabled with SQL Server.



ISOBATCH 3G - CLB V3:

Fig 3

- Control and Correction in production.
- Automatically saves every measurement and formulation data. Extremely useful to monitor customer's color history.
- ISOBATCH 3G runs on the database created by ISOMATCH 3G.
- The CLB is used in R&D to calculate all the technically feasible formulas of the entire gamut.



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