

# Synergy M3 Inplant

Complete colour measurement, formula match prediction and quality control designed for use in production or at advanced Point-Of-Sale.

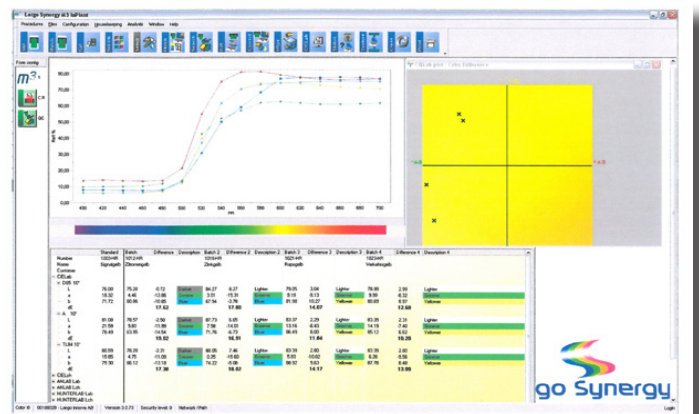
In the Synergy M3 Inplant the operator finds the different M3 function in the same sections as in the full version of Synergy M3. In each drop-down list you have access to the functions by click on selected row or by the functions key e.g. F2 for matching. The most frequently used functions you reach by the short-cuts or in the tool bar or create your own macro for often used functions.

In the basic part for quality control you may configure the display to show the data and information you need and save it as a template e.g. check colour difference, opacity, tinting strength. Colour on screen simulates the visual effect various illuminations conditions may have on standard and batch. When you are several users the same template can be used on each working station giving a familiar view for operator. Alternative you can create personal login with customized access to different functions.

Efficiency and accuracy are important factors for quality inspection. The analysis feature for sample data overview and plots for tinting strength gives quick access when managing larger data quantities.



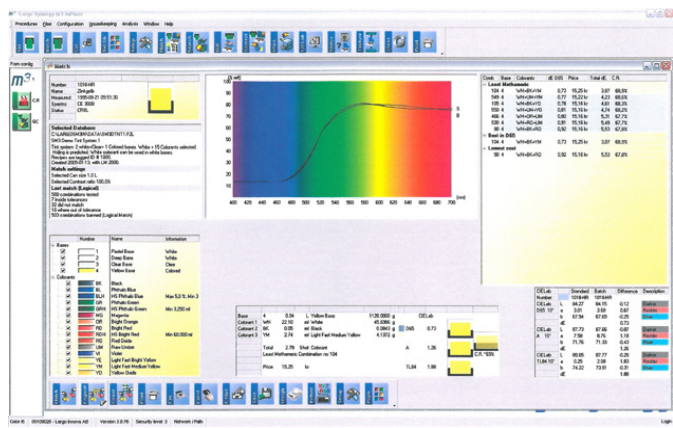
The new file format MS Access/SQL server adds even more flexibility. It gives possibility to save pictures and remarks with standard or formulas, ability to customize your print-outs adding e.g. your company logo or slogan.



The user of Synergy M3 Inplant needs colour calibration databases from e.g. main R&D lab to predict own formulas. It is possible to work with colour calibration database in both LargoMatch 2000 and Synergy M3 file format.

It extends the possibility to use the Logical Match function to reduce recipes with complementary colorants in point-of-sale dispensers as well as in large batch production.

The function Constancy Match formulates recipes with a minimum of dichromatism to ensure that new colour standards look as similar as possible in any light. If factors for texture and gloss are used in colour calibration database these parameters are available too for selection.



A new feature is the possibility to match a "virtual standard" by entering the XYZ, Lab or RGB. If the option NCS© Calculation is activated a NCS-code can be used to create a virtual NCS standard.

In the match settings you chose if formulation shall be based on different parameters like VOC level, not wanted or preferred combinations of pigment/colorant, texture factor, gloss compensation etc. By a "mouse click" you change the formula between volume and weight.

If the main lab supplies a shade library with standard recipes the user can by them self add new recipes or correct already existing. The user may create own shade libraries if wanted.

Available features in the Synergy M3 Inplant compared to full version Synergy M3.

Feature	Synergy M3	SM3 Inplant
Colour Match prediction	•	•
Correction	•	•
Search matching shade	•	•*
File matching	•	
Create colour database	•	
Base/Pigment database	•	
Save shades/recipes	•	•
Colour difference	•	•
Strength calculation	•	•
Test opacity	•	•
Texture Correction	•	•
Gloss Compensation	•	•
Synthesise sample	•	•
Create shade library	•	•
Convert RFL/LRF/LRT	•	•
Keyboard input	•	•
Analysis tool	•	•**
Export to Excel/ASCI	•	
Options		
Advanced FileMatch	•	
TintTool	•	
NCS calculation	•	•
NCS create colour	•	•
* in LRF and LAS-file		
** smaller version than Synergy M3/Q3		

for more information

[www.largoinnova.com](http://www.largoinnova.com)

when colour counts