

Synergy Q3

Largo
innova



Today more and more companies, brands and individual products are identified and marketed by colours. Synergy Q3 software combined with a measurement device provides all necessary functions to keep an eye on colour difference giving you a high level of quality control.

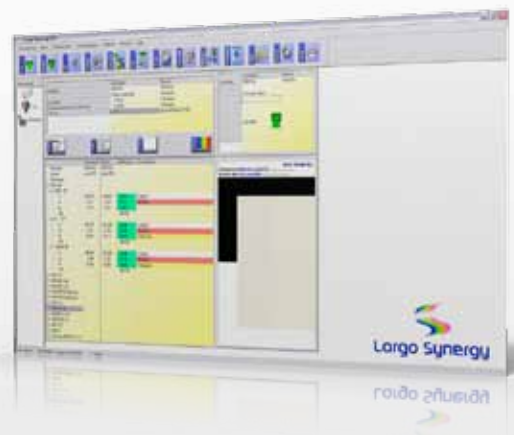
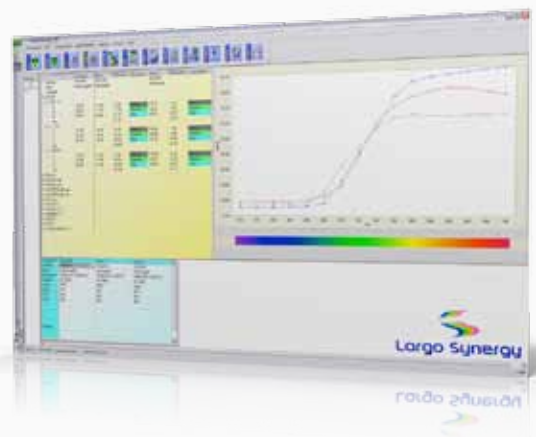
By doing continuous measurements during the production process, from incoming material to R&D and final inspection, Synergy Q3 enables the operator to take required corrective action, if necessary, and provides documentation to ensure that your product meet your customers requirements.

It is easy to customize your screen to show as little or as much information as desired for easy overview of several samples against standard.



To search a matching colour among earlier saved measurements is easily done. Just measure and search or enter the CIE Lab, CIE Lch or XYZ values.

For best conformity the user can choose among industry standard illuminants, colour difference equations, index and tolerance settings, to be used individually or for all, when comparing standards and batches. Other features are control of opacity and tinting strength together with compensation for textures and gloss differences.

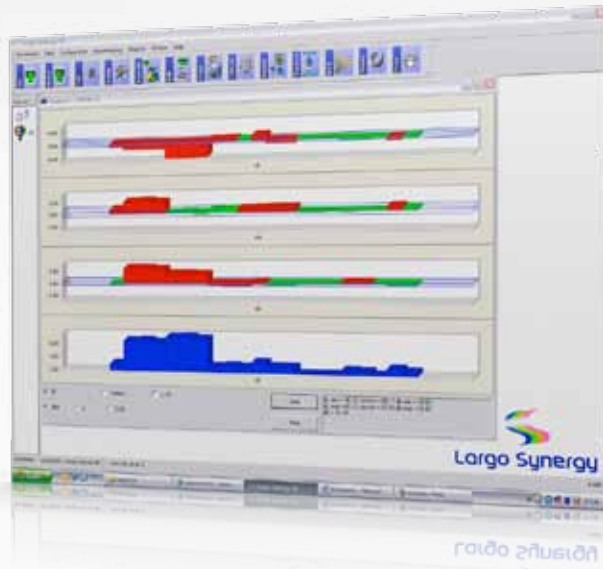


Tolerances

Depending on what kind of product, market or where the product will be used, the demands from customer on colour accuracy varies.

To keep an eye on variations within the production process, Synergy Q3 has a feature for trends. Save your standards with individual tolerance levels and compare with samples measured to get quick and easy overview.

The feature will automatically calculate the tolerance area of measured samples selected.



Reports

Almost every application has its own measurement and reporting requirements. In Synergy Q3 you have the ability to customize your print-out of reports or choose to export data to e.g. Excel for further handling.

Communication

Today it is more and more common with central databases for colours and standards. By connecting in a local network or central remote database the communication between departments, sites and companies will be improved.

In setup you chose which language to be used in menus among English, German and Swedish.

As an option in Synergy Q3 it's possible to have NCS calculation for exact NCS co-ordinates and closest NCS standard.

Colour & colour difference

CIELab
CIELch
CIELuv
CIE
CIE94
CIELab2000
CMC (1:1)
DIN99
ANLAB Lab
ANLAB Lch
HUNTERLAB Lab
HUNTERLAB Lch
JPC 79
FMC2

Colour presentation

CIE Labch
ANLAB Labch
XYZxy
K/S

Index

CIE Whiteness
ASTM Yellowness

Observer

2° and 10°

Illuminants

D65, A, C without UV
TL83, TL84, CR84
CWF, WWF, NFL

According to ASTM:

A, C, D50, D55, D65, D75
F2, F7, F11, M23, M65, M75

Computer Requirements

- Microsoft Windows 2000, SP4 or later.
- Microsoft Windows XP, SP 2 or later.
- Microsoft Windows 7
- 500Mb free hard drive space
- COM ports available (USB or built in)

For more info, contact

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