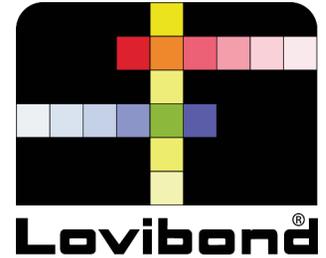# Lovibond® Colour Measurement

Tintometer® Group

OnColor™ Premium

Colour Quality Control Software

OnColor™ Premium is a versatile colour quality control package that works with most spectrophotometers. Compatible with Windows®*, OnColor™ Premium offers a wide range of functions and graphical displays for the evaluation and control of colour, including instrument control, colorimetric and spectral data, colour tolerancing and statistical calculations, trend charts and histograms.

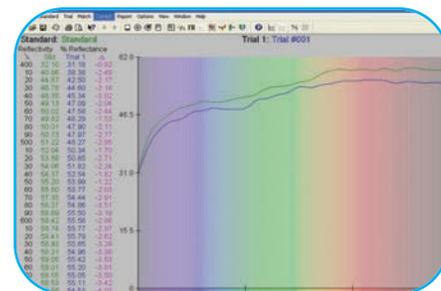* Contact the local Lovibond® representative for version availability.

OnColor™ Premium

√ 6 customisable report screens to display colour data and indices.

√ Complete elliptical tolerancing capability including CMC & CIE 2000 tolerancing and the advanced 'best fit' technique which statistically calculates tolerances based on batch history data.

√ Navigation aids – keyboard shortcuts, tool tips, right-click shortcut menus.

√ Macros to automate repetitive tasks and guide technicians through special test procedures

√ 'Send mail' function allows you to communicate your colour data worldwide directly from the program.

√ 'Spreadsheet' option stores your choice of colour data in spreadsheet format for further processing, reporting and calculation.

√ Munsell notations and over 50 indices including whiteness, yellowness, correlated haze, chromatic strength at maximum absorption.

√ Twenty fields for job identification, in addition to auto-naming and a notes field for each trial.

√ Interfaces with most spectrophotometers from many different manufacturers.

√ MS Access compatible database of standards; store unlimited shade information and tolerances; search for closest colour

√ Compatible with, and easy to upgrade to, OnColor™ Match colour formulation software.

√ Select trials to be included on reports and displays.

√ Three levels of password security.

√ Workspaces for managing all related files in a project

√ Sort trials according to any criteria.

√ Automatic 'Select Standard' mode.

√ 555 shade sorting.

Study Trends

Analyse Performance

Named Batch History

Compare Batches

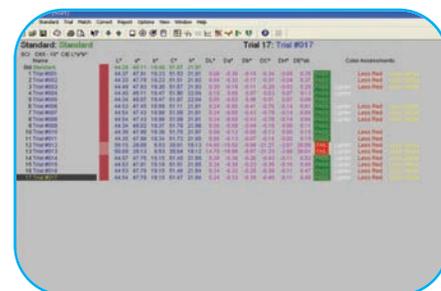## Technical Data

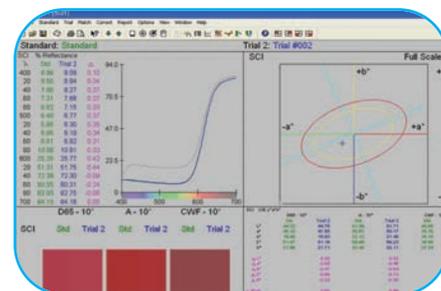|	
Observer/Illuminants	Observer: CIE 2° and 10° Standard Observers Illuminants: CIE standard illuminants A & D65; CIE Illuminants C, D50, D55 and D75; CIE fluorescent illuminants F2, F6, F7, F8, F10, F11 and F12; Ultralume U5000
Displays	Spectral Plot, Colour Plot, Tolerance Plots, Data Table, Statistical Charts and four-section User Report
Colour/ Colour Difference	CIE Yxy, CIE XYZ, CIE L*a*b*, CIE L*C*h CIE L*u*v*, Hunter Lab, FMC-2, CMC, CIE 94, Munsell, CIE 2000, GE-PQS, Audi, DIN 99
Indices	Metamerism: CIE, DIN 6172 Whiteness: CIE, ASTM E313-1973, ASTM E313-1996, Berger, Hunter, Stensby, Taube, Ganz/Griesser Tint: CIE, ASTM E313-96 Yellowness: ASTM D1925, ASTM E313-1973, ASTM E313-1996, DIN 6167 Strength: Apparent, Chromatic at maximum absorption or user wavelength, Equal Apparent TAPPI brightness Dominant Wavelength/Purity Stain Test: ISO 105.A04(E) Grey Scale: ISO 105.A05.2 Standard Depth: ISO 105.A06 Opacity: Infinite thickness (paper backing), contrast (89% tile backing) Correlated Haze: ASTM D1003
Tolerancing	Elliptical tolerance, box tolerance, pass/warn/fail criteria
Other Functions	Average measurement, remote measurement, automatic naming, macros and online help
Minimum System Requirements	OS: Microsoft® Windows® Operating System* 1 USB port : 1 Serial port : Hard Disk: At least 10MB free space : Display: VGA (640 x 480), 256 colour or higher

Specifications subject to change without notice. Microsoft® & Windows® are trademarks of Microsoft Corporation. *Contact the local Lovibond® representative for version availability.

www.lovibondcolour.com