Chroma™ 2015.1

Important Changes to the Previous Version 2014.1

as at March 2016
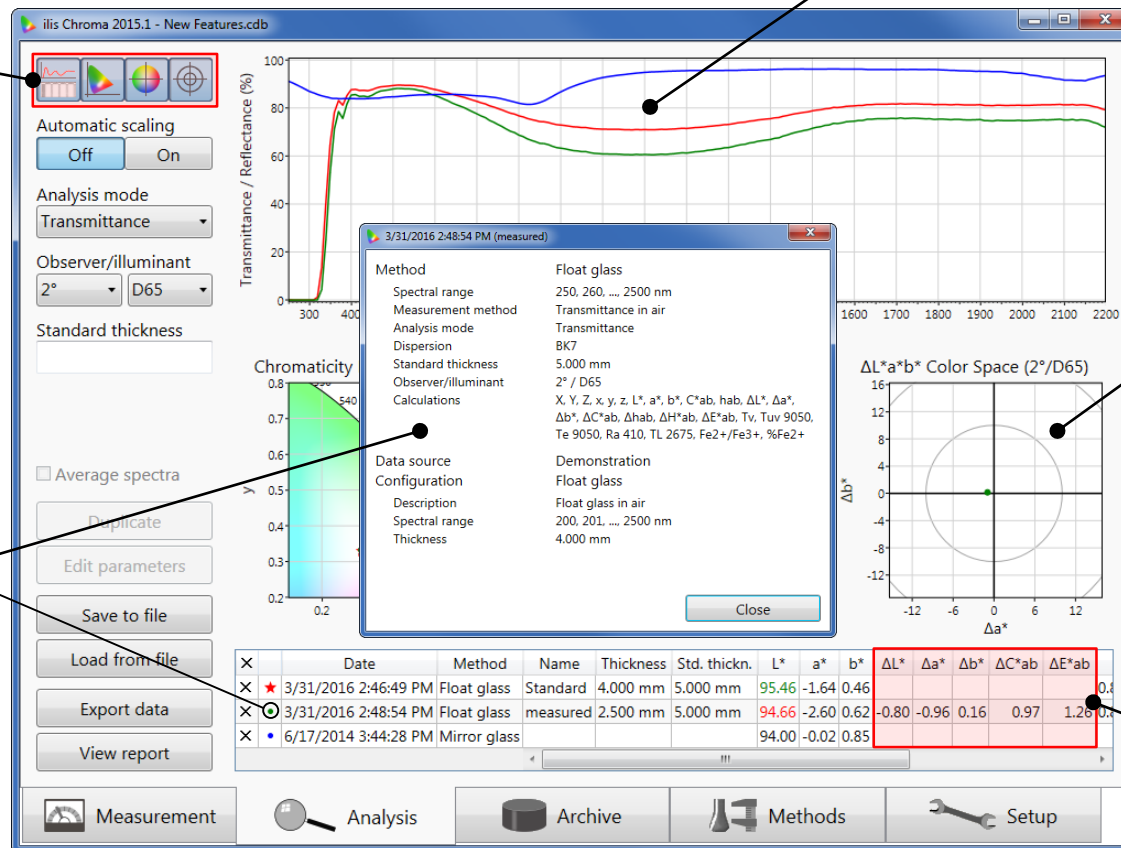
Analysis

Transmittance and reflectance spectra can be displayed simultaneously

Diagrams can be combined arbitrarily

New CIE ΔL*a*b* Color Space diagram

Display of the method and data source parameters for each measure-ment

Calculation of CIE color differences

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Reports

Copy reports to the Windows clipboard
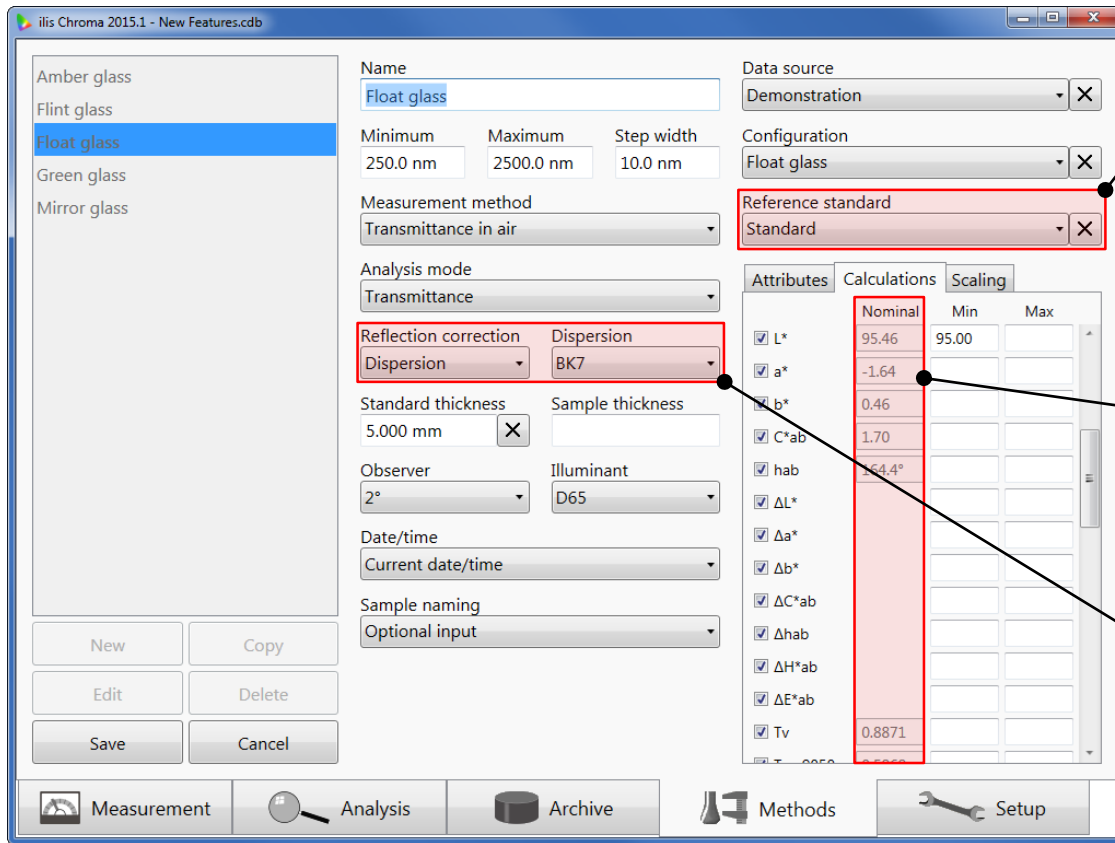
Save report as file (XPS, PNG or JPG format)
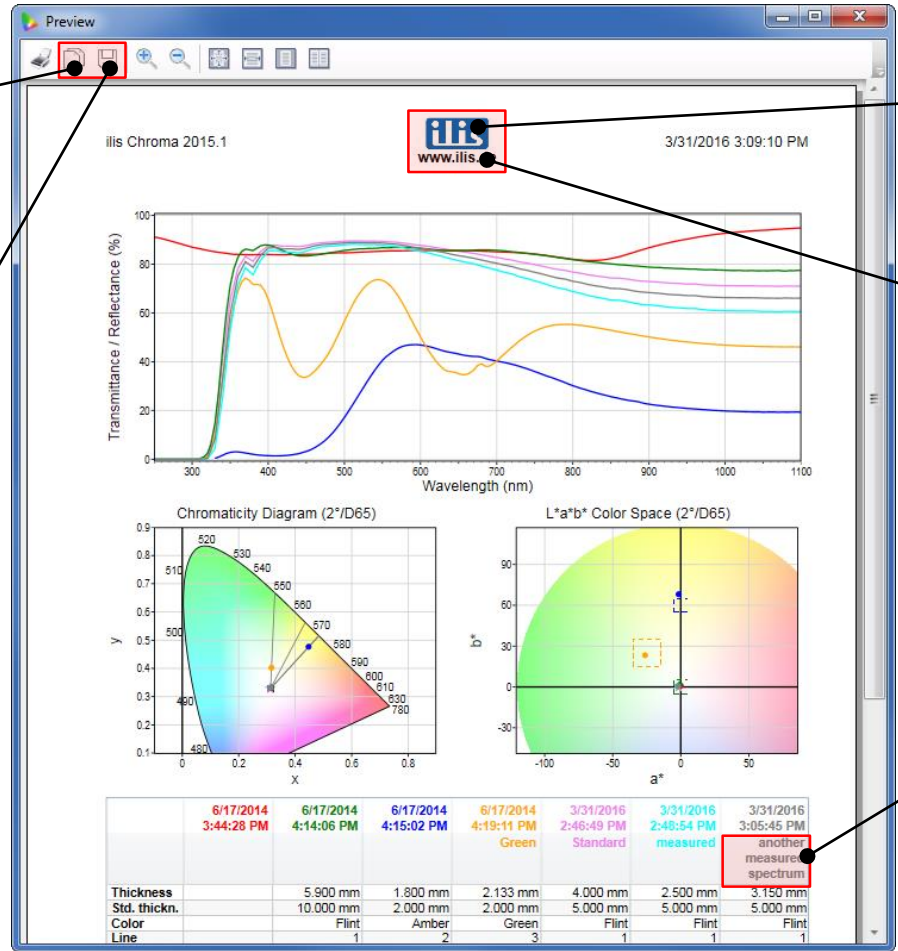
Integrate company logo

Bold headline if desired

Long texts are word-wrapped automatically
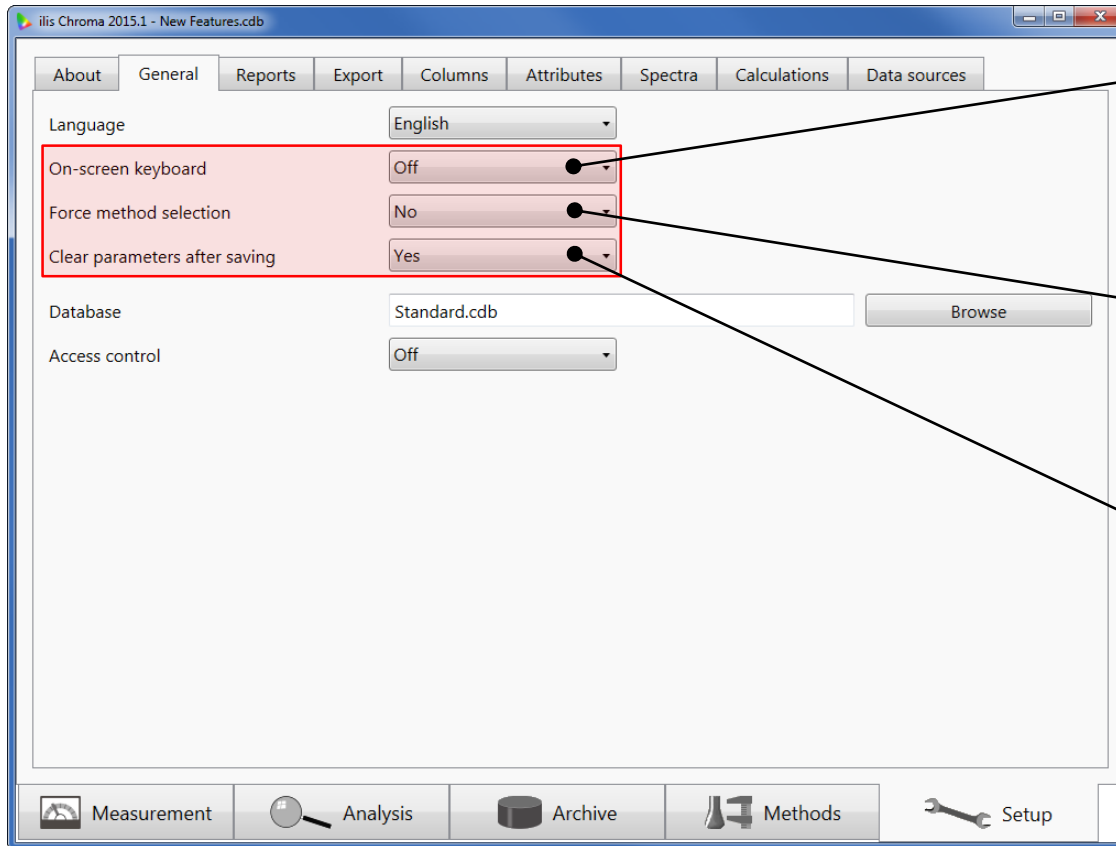
Methods

Measurement against a selectable reference standard

Definition of nominal values for the measurement (manual input or copied from the selected reference standard)

Wavelength-related reflection correction (dispersion)

General Settings

Activate on-screen keyboard (for touch screens and tablets)

Reselect measuring method after each measurement

Optionally do not reset parameters after saving

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Report Configuration

All report-related settings are summarized on a new page

Selection of a company logo for the report header with preview

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Spectra

Definition of transmittance, reflectance and refractive index spectra for use in methods

Calculation of refractive index curves via linear interpolation or according to the Sellmeier, Schott or Cauchy formula

Spectra can be exported or shown in a diagram

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Calculations

CIE color differences acc. to ISO 11664-4
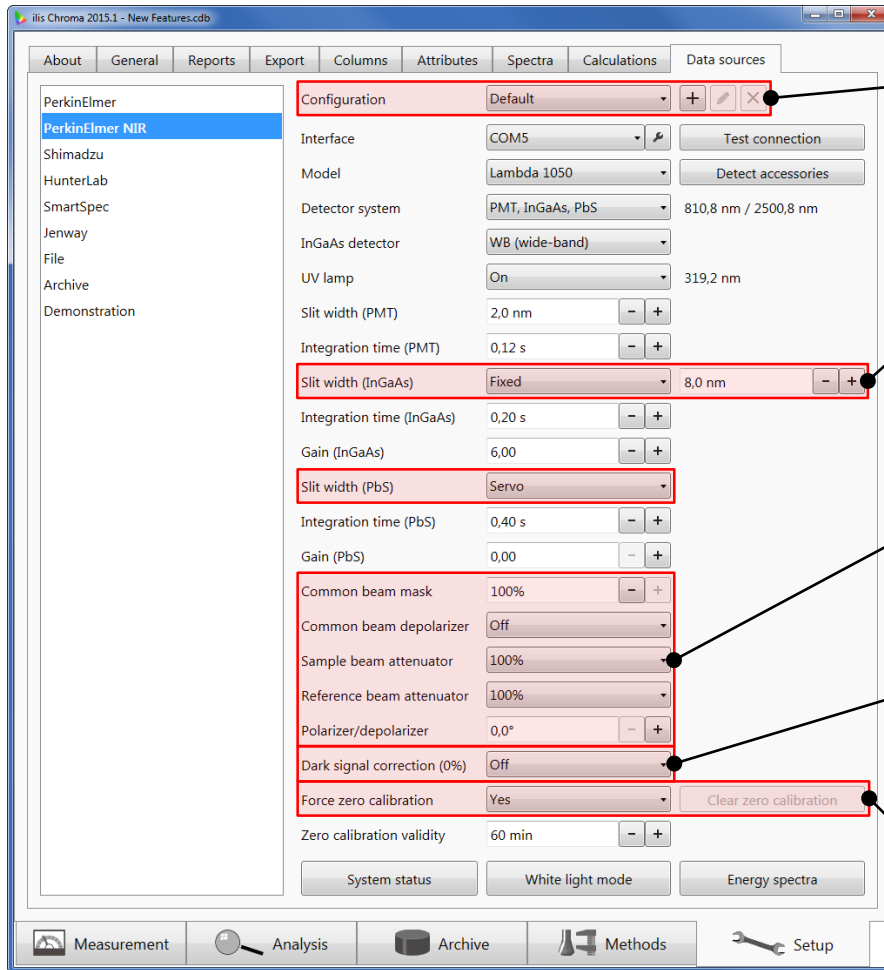
Skin damage factor acc. to ISO 9050

Special parameters for automotive glass

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PerkinElmer NIR Driver

Multiple combinations of settings can be saved and managed as "Configurations"

Fixed slit width in the NIR range possible (InGaAs and PbS detector)

Support of commonly used accessories (including OMT LSRT)

0% calibration in addition to the 100% baseline during zero calibration

Storage of multiple zero calibrations (depending on the settings) with automatic monitoring

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