

# OnColor Instrument Performance

## Product Technical Data Sheet

### Main Features

Purpose	To monitor and certify one or more spectrophotometers using a set of stable ceramic tiles; tracks the measurement results in a dedicated instrument performance database; outputs a report of instrument conformance to the reference data and compares the test results to pre-set tolerances
3 Reports	Displays the results in easy to read tabular form on the Instrument Certification Report; Additional tracking reports included: Color Plot, Statistics with trend chart, Spectral Data; all data stored in an MS Access database
OnColor Compatible	Instrument Performance works in conjunction with the suite of OnColor software. OnColor QC software may be used to do the tile measurements for the Reference Data for Instrument Performance.
Stand Alone Program	Instrument Performance is a stand alone program that uses a key for protection. There is no yearly subscription fee. It can be used on as many instruments and as often as needed.

### Advanced Features

Color Tile Set	A stable ceramic tile set of at least 8 specially selected colors is used for the test. More tiles can be used to better cover the full color gamut. This tile set should be chosen for its durability, cleanability, and long term stability
Supported Instruments	Any instrument supported in OnColor is also supported by Instrument Performance (excluding colorimeters and multi-angle instruments). This includes virtually all of the common color spectrophotometers on the market today. Both sphere and 45/0 instruments are supported.
Data Comparison	Instrument Performance uses color data for Illuminant D65/10° observer and CIEL*a*b* DE for the comparisons to the reference data.
Database Features	Multiple spectrophotometers can be tracked within the same database making it possible to track a fleet of instruments from a central location
Tolerances	Tolerance limits on the color difference can be set for the average across the tile set as well as the deviation allowed on any single tile

### OnColor Suite of Color Software -

*Instrument Performance Module included with all of these versions of OnColor*

QC Premium	Color quality control for spectrophotometers including communication with most commercial spectrophotometers on the market today; supports all color spaces and color difference formulas with over 100 indices; 6 graphical reports including 4 quadrant user defined screen, color plot, data table, tolerance plots, statistics and trend chart, spectral data; Database of Standards, security, macros, and statistics
Match Gold	Full version of the formulation and correction program includes modules for match prediction, formula storage and retrieval, batch correction, and colorant database loading and maintenance. Designed to be the complete color lab package.
Match Silver	Designed to be the satellite system. Uses a colorant database generated by the Gold package. Includes all modules except the colorant analysis module.

**Minimum system requirements:** PC running Windows XP, 7, 8 or Vista; USB port for hardlock; USB or serial port for connection of spectrophotometer; color printer desirable