

Enterprise Color
Management (ECM)

— a concept that
provides the right
tools and
technologies to
simplify color
control on a global
scale and ensure
color consistency
among suppliers.

Can I measure Haze with my spectrophotometer?

To obtain a true haze measurement requires a haze meter (ASTM D1003). It is possible, however, to use a sphere geometry spectrophotometer capable of transmission measurements to obtain an index with good correlation to a haze meter.

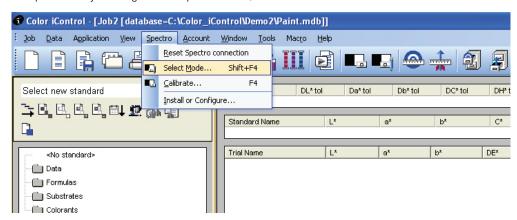
Set up the spectrophotometer (SCI, UVEX, LAV lens and aperture) for transmission measurements to be made by measuring the samples at the sphere and calibrate it for this condition. Generally, the calibration of this condition requires a white reflectance standard (Spectralon Plaque) and a black trap (open port).

Next measure the sample at the sphere with the white reflectance standard (Spectralon Plaque)

How can I measure haze using Color iControl?

This measurement option is available with the ColorEye 3000/3100, Color i5, and Color i7.

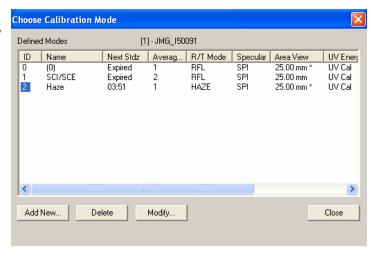
1. Open a new job and go to the Spectro menu, then choose Select Mode.



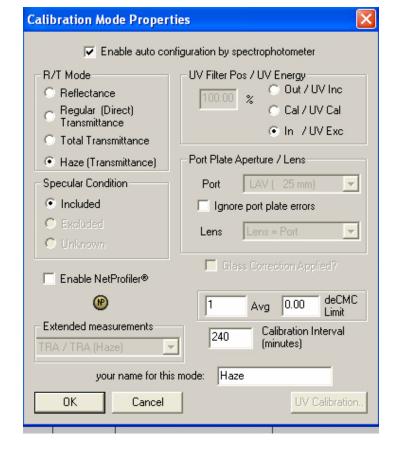


www.gretagmacbeth.com

 In the Choose
 Calibration Mode window click the Add New button down in the bottom left corner.



- 3. This opens the Calibration Mode Properties box.
- 4. Make the following settings:



- 5. Click **OK** to close this window.
- 6. Click Close on the Choose Calibration Mode window.

A sphere geometry spectrophotometer capable of transmission measurement can correlate well to an actual haze meter

7. Now in the **Standard/ Multi-Trial View**right click and select **Properties.**

1.41 1.45 0.91 0.75U.1 b* C* h° a* -4.3635.15 35.42 97.08 DE* DL* Da* a*

The human visual system perceives color differences non-uniformly making it more sensitive to some color differences while less sensitive to others.

Show only selected item(s) in views.

Don't show the selected item(s) in views.

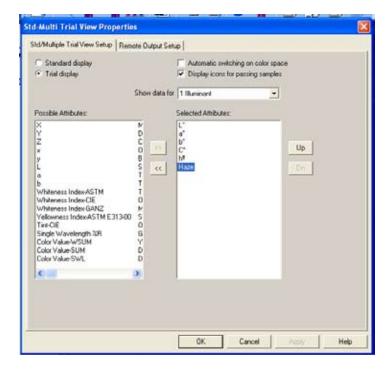
Select / DeSelect these item(s) in all views.

Restore Order

Show standard info
Show the tolerances
Use Alternating Background Color
No descriptors
Abbreviated descriptors
Full descriptors
Print
Remote Output
Clear Remote Output File
Force New Page on Printout

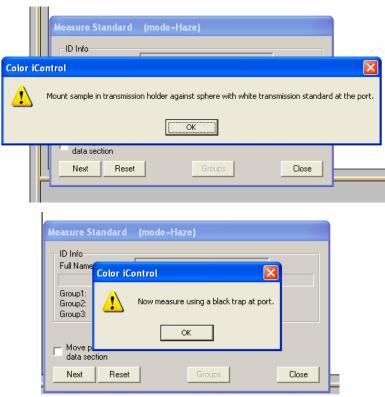
Include this view in Full Printout.
Change View
Properties...
Maximize
Restore

8. Add the **Haze** attribute to both the standard and the trial.



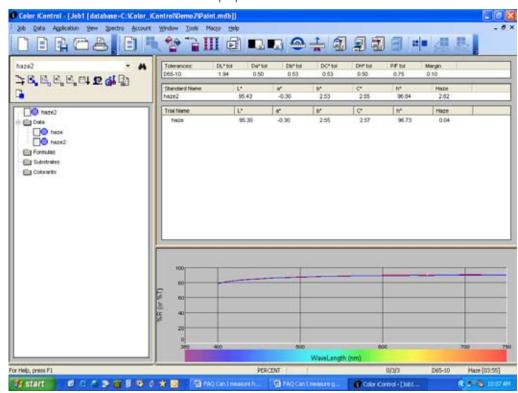


9. Measure a standard or a trial as directed.



NetPalette, an Internet-based application, lets specifiers collaborate on color directly with suppliers by providing digital color samples accompanied by color data. Digital samples drastically reduce the time and expense involved with creating and shipping physical samples.

10. The Correlated Haze value will be displayed.



Call 866-285-3463

