



Compact Rugged Spectrometers - A Universe of Spectroscopy Systems

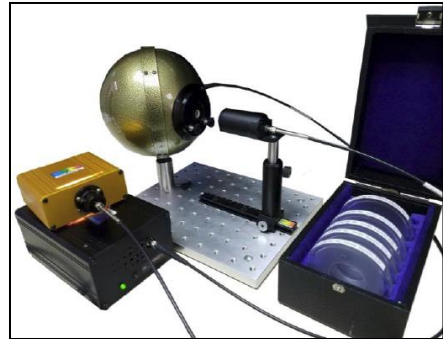
New Product Release

Measure Haze, Transmission, and Color of Materials

StellarNet Inc., Tampa FL, USA

August 2, 2016

StellarNet announces a new preconfigured optical metrology system for haze, %total transmittance, and color measurements. The StellarHaze system includes a compact fiber optic spectrometer, high intensity light source, collimating lens, and custom haze measurement sphere with diffuse transmission port and sample attachment clips. The haze meter comes complete with StellarHaze software for MS Excel that calculates transmission and haze at once while also displaying spectral transmission curves.

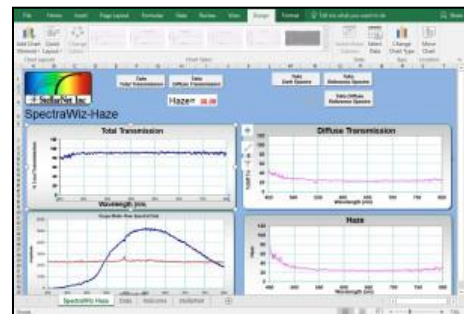


The StellarHaze System produces quantifiable metrics to determine the transparency and optical qualities of materials. Haze is a measure of the amount of light that is diffracted 2.5 degrees away from the incident beam. The haze value represents the diffusing power of the material. Some materials that need to be clear, such as windshields, have low haze values. Others materials, like LED housings, will have higher haze values to diffuse light. Haze, transmission, and color are valuable metrics for quality control in of these types of products.

The StellarHaze system boasts portability and research grade reliability. The haze meter can be setup in line with production to easily test batches of samples, and can be packed away in a small case when not in use. The StellarHaze is adaptable to many sample types, and there is no need for sample preparation in most situations. The StellarHaze System is affordable, and can be used to build your quality control program. StellarHaze system can be useful for a variety of applications and sample types.

Here are a few:

- **Filters and plastic sheets**
- **Thin Films and bags**
- **Liquids via cuvette**
- **Diffusing plastics for lighting**
- **Automotive glass and windows**
- **Beverages**



StellarNet can help refine your process, build confidence in your product, and save you money. Speak with one of our application scientist today to see how we can help provide a solution for you.

[Click here to see more about our haze measurement system.](#)