



**Agera**<sup>®</sup> Patent #US 11,002,676 B2

Color & Appearance Measurement

**HunterLab Innovation, SEE the Difference.**

From the world's leading innovator of color and appearance measurement technology, Agera delivers the full picture on your sample's appearance quality.

Offering simultaneous measurements of reflected color, gloss, and image capture in one simple measurement, Agera provides exceptional flexibility, ease-of-use and unprecedented value.

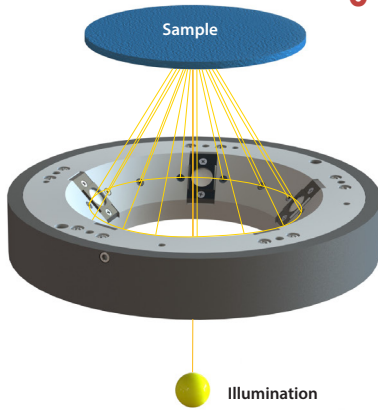
**Agera – the ultimate solution for appearance quality control**



measure  
**color**  
the way your  
**eye** sees it

## 0°/45° Circumferential Geometry -

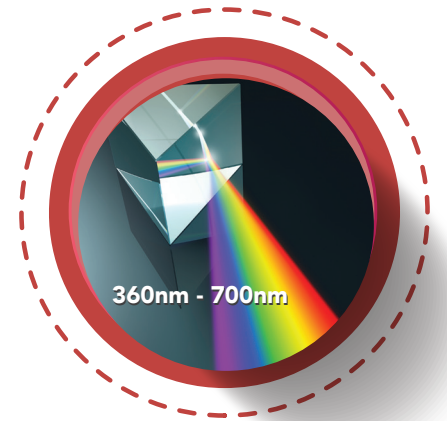
*the best assurance for Quality Control*



- The **only** optical geometry that replicates how the human eye sees color
- The **only** dual-beam benchtop spectrophotometer that provides this geometry with circumferential viewing to eliminate sample directionality and deliver superior accuracy and consistency

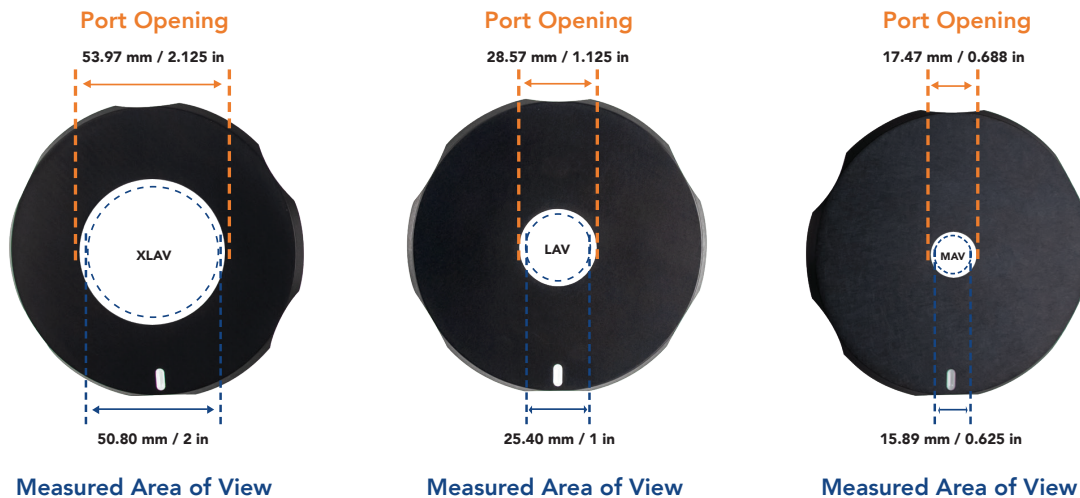
## Full Spectrum, Balanced LED Illumination with UV Control

- 360-700nm illumination
- Measure and quantify fluorescent and optically brightened samples
- Factory calibrated UV with user option to calibrate to their specific fluorescent standard
- Simultaneous UV-included and UV-excluded comparative data viewing and reporting



## The Largest Fixed-Point Area of View

- Includes Extra-Large, Large and Medium sample port plates
- Extra-Large port plate is the largest fixed-point contact area of measurement in the industry



## Port opening vs. Measured Area of View

The Agera port plate openings are oversized by approximately 3.174 mm (1/8 in) so that the illuminated and viewed areas of the sample are clear of the port edges. The measured area of the Agera is controlled by the lenses in the system and not controlled by the port plate opening size. This is an advantage over other instruments in that the port plate does affect the measurement.

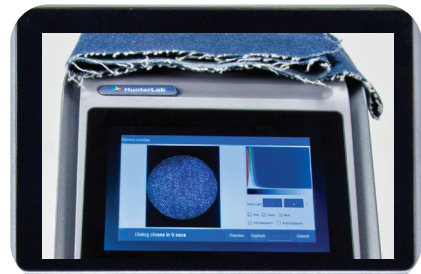
## Built-in 60° Gloss Meter

- Provides both color and 60-degree gloss results in a single measurement
- International gloss standard conformance to ASTM D523 and ISO2813 with Certificates of Traceability



## Sample Viewing and Image Capture

- Includes built-in 5-megapixel camera with 45-degree, full spectrum, balanced illumination
- Use the live on-screen image for precise sample placement
- Capture and store a true 0-degree field of view sample image as part of the data record
- Recalled images display an RGB histogram for image analysis



## Smart User Interface and Data Management - No PC Required

- View measurement results and color graphics on the 7-inch 1280x800 capacitive industrial touchscreen
- Easily communicate data where it needs to go via USB, USB on-the-go, Ethernet, and built-in email



Port up



Port forward



Optional Sample Clamp

## EasyMatch Essentials QC Software

- Easily navigate the embedded EasyMatch Essentials Quality Control Software which includes most major scales and indices used in industry
- Configure your specific workflow to streamline software navigation for your application
- Electronic Records option available (for FDA CFR21, Part 11 compliance)

## Superior Engineering

- Close Tolerance Spectrophotometer out of the box – no need for additional profiling software
- Protected optics secure your investment – designed to withstand the rigors of harsh environments



## HunterLab Remote Access Support Enabled

HunterLab Remote Access Support is a unique network-enabled support tool that enables the HunterLab support team to directly interface with your instrument to perform diagnostics, update instrument software and provide live operator training.



## What's in the box - *Everything you need to get it right.*



Agera® Reflectance Spectrophotometer



Standards box includes:

- Calibrated white tile (NIST Certificate of Traceability)
- Green diagnostic tile
- Calibrated black glass used for both color and gloss standardization (ASTM D523, ISO 2813 Certificates of Traceability)



Port Plates:

XL - 53.97 mm (2.125 in), L - 28.57 mm (1.125 in), M - 17.47 mm (0.688 in)



Power supply (100-240 VAC)

## Optional Accessories:

- Sample Clamp
- Gloss Diagnostics Tile
- Glass Sample Cup
- Agera Sample Cup Port Holder Assembly
- UV Standard
- EZMQC Windows based Quality Control Software
- EZMQC-Electronic Records Windows based Quality Control Software (for FDA CFR 21, Part 11 Compliance)
- Ring and Disc Set

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For more information go to [www.hunterlab.com](http://www.hunterlab.com)  
or contact your local HunterLab representative.