

Agera®

Patent #US 11,002,676 B2

for...

PLASTIC PLAQUES



Designed to measure opaque Plastic Plaques, Agera® measures both color and 60° gloss, and includes a camera for on screen sample positioning and image capture. Agera® includes easy to navigate embedded EasyMatch® Essentials quality control software, providing all the scales and indices important in the plastics industry including CIE L*a*b*, YI E313, WI E313, and Y Brightness and 60-Degree gloss.

With modern data communications including USB, Ethernet, and a capacitive high-resolution color touchscreen display, Agera® is the perfect solution for measuring Plastic Plaques.



**0°/45°c Circumferential
Geometry and 60° Gloss in
a Single Measurement**



**Full Spectrum LED Illumination
with UV Control**



Sample Viewing and Image Capture



**Embedded EasyMatch Essentials
Quality Control Software
– No PC Required**



**Smart User Interface and
Versatile Data Management**

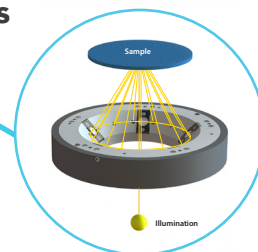
measure
color
the way your
eye sees it

The Best Solution for Color Measurement of Molded Plastic Plaques



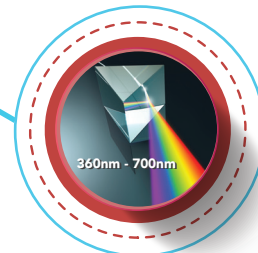
0°/45°-c Circumferential Geometry and 60° built in gloss meter

From smooth and glossy surfaces to textured and matte finishes, the 0°/45° circumferential geometry is the best geometry for consistent and accurate color measurement results of molded plastic plaques. Add to this the built in 60° gloss meter compliant with ASTM D523 and ISO2813, and you get a complete appearance result in a single measurement



Full Spectrum, Balanced LED Illumination with UV Control

Illuminating from 360-700nm, Agera® allows you to measure and quantify fluorescent and optically brightened plastic products with the ability to compare UV Included and UV excluded results simultaneously



Sample Viewing and Image Capture

Agera® Includes built-in 5-megapixel camera to view live on-screen images for precise sample placement and allows the image to be captured and stored as part of the data file.



Embedded EasyMatch® Essentials Quality Control Software

The onboard EasyMatch® Essentials software is intuitive and easy to navigate. It offers applications to streamline production, allowing users to create their own workspaces to meet their specific application workflow needs. EasyMatch® Essentials comes preloaded with most standard reflectance scales and indices widely used in industry.



Smart User Interface and Data Management - No PC Required

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

Keys for the Successful Measurement of Plastic Plaques



Agera® includes everything needed to be successful measuring plastic plaques of all kinds in a port up configuration.



For Port-Forward sample measurements, the optional Sample Clamp should be ordered:

D02-1018-462 Sample Clamp



Measurement of Plastic Pellets

Agera® is ideal for measuring opaque plastic pellets before they are pressed into a plaque. If also measuring opaque pellets, the following accessories are recommended:

Opaque Pellets

ITEM	HunterLab PN#
Agera®	Agera®
Port Insert	04-6622-00
Sample Cup	04-7209-00

