

Agera®

Patent #US 11,002,676 B2

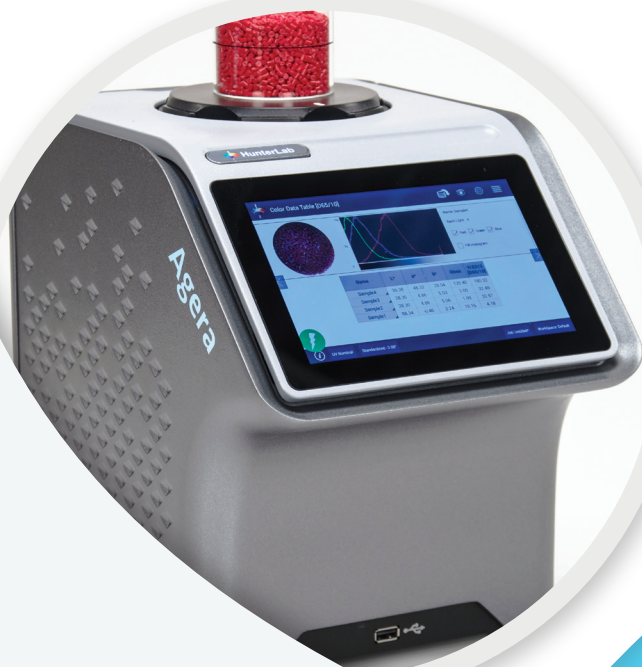
for...

PLASTIC PELLETS



Designed to measure opaque and transparent plastic pellets, Agera® measures both reflected color and UV content with an extra-large sample port and includes a camera for on screen sample positioning and image capture. Agera® includes easy to navigate embedded EasyMatch® Essentials software, providing all the scales and indices important in the plastics industry including CIE L*a*b*, YI E313, WI E313, and Y Brightness.

With modern data communications and a capacitive high-resolution color touchscreen display, Agera® is the perfect solution for measuring plastic pellets.



0°/45°-c circumferential geometry and the largest fixed-point area of view in the industry



Full spectrum LED illumination with UV control



Sample viewing and image capture



Embedded EasyMatch® Essentials software – no PC required



Smart user interface and versatile data management

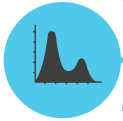
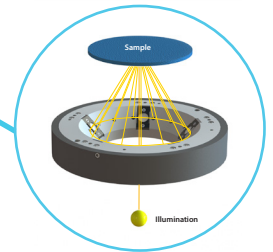
measure
color
 the way your
eye sees it

The Best Solution for Color Measurement of Plastic Pellets



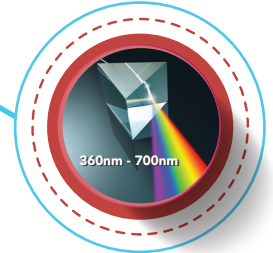
0°/45°-c circumferential geometry and the largest fixed-point area of view in the industry

The non-uniformity of pellets can make accurate and consistent color measurement a challenge. Agera® solves this with its circumferential 0°/45°-c geometry and an extra-large 2" sample viewing area.



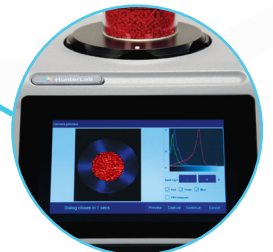
Full spectrum, balanced LED illumination with UV control

Illuminating from 360-700nm, Agera® allows you to measure and quantify fluorescent and optically brightened pellets, especially important when measuring clear pellets and regrind which typically always contains optical brighteners.



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 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 Pellets

Opaque Pellets

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

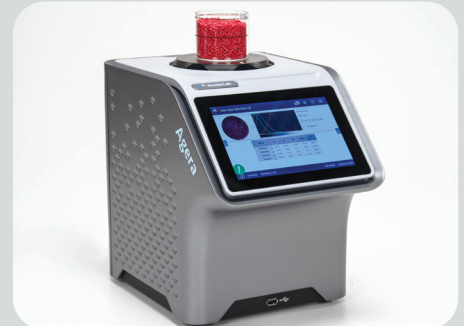


Measurement of Plastic Pellets

Agera® includes an embedded 60° Gloss Meter, providing both color and gloss results in a single measurement.

This makes it ideal for measuring the color and gloss of plastic pellets.

60° gloss conforms ASTM D523 and ISO 2813 and includes Certificates of Traceability.



Transparent Pellets

ITEM	HunterLab PN#
Agera®	Agera®
Port Insert	04-6622-00
Sample Cup	04-7209-00
Opaque Cover	04-4000-00



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