

Agera®

Patent #US 11,002,676 B2

for...

COMPOSITE WOOD



Designed to measure composite wood plastics, Agera® measures 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 building industry including CIE L*a*b*, CIE LCh, Hunter L,a,b, and more.

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



**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 data
management**

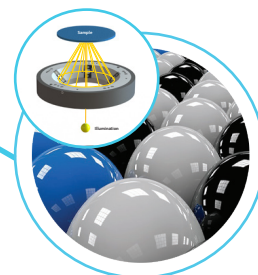
measure
color
the way your
eye sees it

The Best Solution for Color Measurement of Composite Wood Plastics



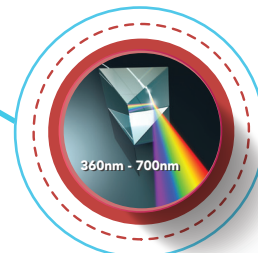
0°/45°-c circumferential geometry and the largest fixed-point area of view in the industry

The non-uniformity of composite wood plastics 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.



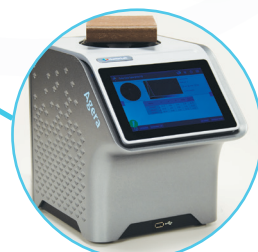
Full spectrum, balanced LED illumination with UV control

Illuminating from 360-700nm, Agera® allows you to measure and quantify fluorescent and optically brightened 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 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 Composite Wood Plastics



Out of the box, Agera® includes everything needed to be successful measuring composite wood plastics 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