

Agera®

Patent #US 11,002,676 B2

for...

CARPET



Designed to measure carpet, 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 carpet 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 carpet.



**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



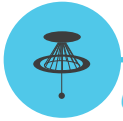
**Embedded EasyMatch® Essentials
software – no PC required**



**Smart user interface and data
management**

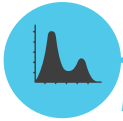
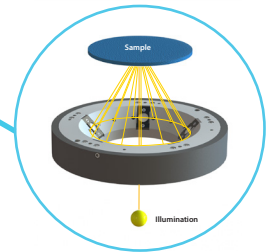
measure
color
the way your
eye sees it

The Best Solution for Color Measurement of Carpet



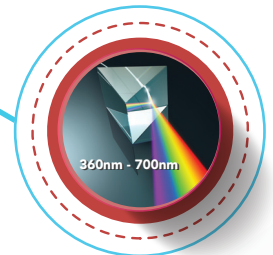
0°/45°c circumferential geometry and built-in 60° gloss meter

Agera® uses circumferential 0°/45°-c geometry and an extra-large 2" sample viewing area for the most accurate and consistent measurement of carpet. This geometry replicates the human visual response, measuring color the way the eye sees color.



Full spectrum, balanced LED illumination with UV control

Illuminating from 360-700nm, Agera® allows you to measure and quantify fluorescent and optically brightened carpets with simultaneous UV included and UV excluded measurements.



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

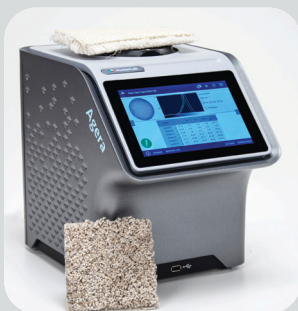
The onboard EasyMatch® Essentials software is intuitive and easy to navigate. It offers applications to streamline production, allowing users to create their own workspaces to meet their specific application workflow needs. EasyMatch® Essentials comes preloaded with most standard reflectance scales and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



Agera® includes everything needed to be successful measuring carpet in a port-up configuration.

Optional Accessories



For port-forward sample measurements, the optional Sample Clamp should be ordered:



D02-1018-462 Sample Clamp