

colour measurement

carpets

## Now all aspects of carpet colour management are covered

The instrumental quality control of carpet has always been challenging.

This is largely due to the heavily textured surface, and open construction of the product, for which traditional colour measurement equipment is lacking in terms of repeatability and accuracy.

It is also impossible to assess and approve finished products or complete designs due to aperture size on such instruments.

### So what is the solution?

A true indication of quality and a competitive edge can be provided by excellent colour coordination and consistency on different pieces.

So how do you achieve these? At VeriVide, as colour assessment technology experts, we have created an exciting solution that provides new levels of colour management...

### A first in carpet colour management

Every stage of carpet manufacture is now measurable. DigiEye's non-contact colour and digital imaging system offers an amazingly high resolution and great precision for capturing and measuring product colour and appearance.

It provides both an image and numerical data, allowing you to visualise AND measure colour difference, individually and as part of a complex design in context.

### A competitive difference

Its approach provides unparalleled objectivity, consistency and enhanced quality levels, and can also result in real competitive differentiation.

The measurement data is closely aligned with the colour your customers will see and is more accurate and repeatable than with a spectrophotometer, due to the larger selection area.



measuring the  
immeasurable

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## Here are some more benefits of DigiEye:

- A simple and standardised sample presentation technique can be used in the DigiEye controlled illumination cabinet. Simply lay the samples flat on the drawer, and measure the item.

Sample selection is done quickly and easily, using fixed rectangles for a repeatable and effective measurement technique.



- When it comes to pile and open construction fabrics, DigiEye deals with these easily with the use of filters (which are stored as easily accessible templates) and its ability to capture colour data at the pixel level. The filters are used to identify and exclude the shadows or any other detail, allowing you to measure the tufts as they are actually seen by the end consumer.
- DigiEye can capture both the yarns and finished product, and this enhanced imaging area provides more flexibility and ensures measurements are less influenced by texture, and are more representative of the 'true colour' of the product.
- The software helps eliminate the affects of the areas of shadow between the pile allowing for a visualization of the product that closely matches the way consumers see the carpet.
- With its capacity to produce virtual on-screen prototypes which allow for on-screen approval in the supply chain, it can also enable significant time, cost, shipping and production efficiencies.

## Find out how DigiEye can help you

To find out how DigiEye can benefit your business, why not arrange to talk to one of our lighting and colour measurement experts? Whether you have a specific problem to discuss or would like to know more about its benefits for your company, please contact us

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Alternatively, please visit our website.

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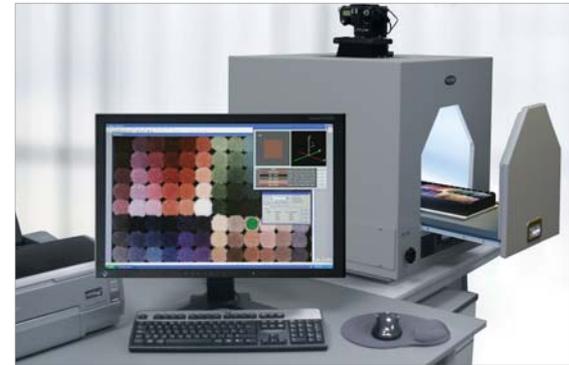
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See in Truth



## DIGIEYE

The DigiEye System is a digital colour measurement and imaging system.

It was developed in response to market demand for a 'best practice' combination of lighting and visual assessment principles, together with non-contact instrumental measurement for quantifiable and objective quality control.



Using controlled, consistent and defined illumination conditions, DigiEye captures and measures product colour and appearance with an amazingly high resolution and great precision.



## VeriVide - Leading the way in colour assessment technology

If you are looking for world-class expertise, experience and supply chain knowledge, choose the reassurance of VeriVide.

For more than 40 years, we have provided leadership and innovation in colour assessment technology and proved our commitment to continuous product and service improvement.

Perhaps that is why we have such close working relationships with so many customers in so many industries. We would welcome the opportunity to work with you too.

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