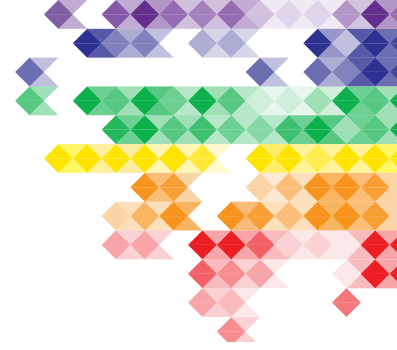


# DigiEye



Putting Colour in Context

DIGITAL NON CONTACT  
COLOUR ASSESSMENT



# DigiGrade 3.0 colour fastness testing

Smart. Fast. Objective. Repeatable.



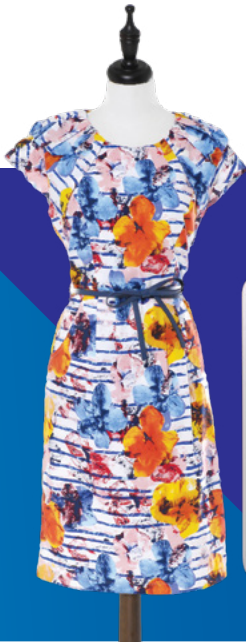
[www.verivide.com](http://www.verivide.com)

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## DigiGrade - colour fastness testing

Versatile. Proven. Indispensable.

**DigiGrade** grades samples using a specially calibrated camera that relays images to the DigiGrade software, which then presents and stores results.

Little expertise or judgement is needed and DigiGrade can be operated by almost anyone with a single day's training.

### **DigiGrade** is fully tested and proven

After several years of trials in design, manufacturing and laboratory environments, DigiGrade has been adopted by a variety of retailers, brands and laboratories as the preferred benchmark test.

### **DigiGrade** is versatile too

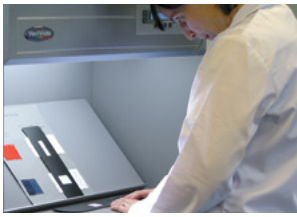
It can automatically grade single or multiple samples and delivers rapid test results for colour and light fastness, shade change and rubbing tests.

**In short, DigiGrade is indispensable to any textile-related enterprise with a stake in supply chain efficiency.**

**Don't risk product recall or the loss of valuable contracts. DigiGrade protects your integrity, profits and ultimately your hard-earned reputation.**

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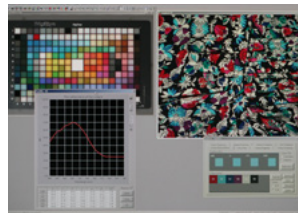
# Visual v Digital



## Visual

The conventional method: relies on subjective human judgement and is inherently problematic.

- ▶ It's subjective. Even excellent human eyesight varies from tester to tester, producing different judgements.
- ▶ It provides skills that typically require six months of training to develop.
- ▶ To meet international standards, multiple assessors have to agree on grades. This ties up resources and creates bottlenecks.
- ▶ Research shows that even when assessors agree, actual shade variations often exceed acceptable tolerances.
- ▶ Subjectively graded products may be incorrectly accepted or rejected, leading to disputes, delays and added cost.
- ▶ There is no 'assessor of last resort' to deliver authoritative judgements that everyone can accept.



## Digital

DigiGrade automatically grades single or multiple samples delivering rapid, accurate and objective test results.

Subjective judgement is eliminated together with shortened lead times, reduced costs, and improved supplier relationships.

- ✓ It replaces fallible human subjectivity with consistent digital objectivity. DigiGrade systems give the **same results irrespective of operator or environment**.
- ✓ There are fewer errors. It offers a means of arbitration that everyone can accept.
- ✓ **DigiGrade works much more quickly, accurately and repeatedly** than humans, and on multiple samples, increasing productivity and reducing bottlenecks.
- ✓ Any two DigiGrade systems will be in much closer agreement than any two human assessors - crucially, **better than the ISO/AATCC requirement of half a grade scale**.
- ✓ Images and test results can be sent electronically, **saving time and sample shipping costs**.
- ✓ DigiGrade does more than just grade colour fastness. DigiGrade is proficient at measuring light fastness fading, perfect for measuring any furnishing fabric, carpet or garment exposed to sunlight.
- ✓ Training is reduced, typically from six months for a visual assessor to one day for a DigiGrade operator. And anyone can be a DigiGrade operator, so **personnel can be used more flexibly**.
- ✓ Increasingly, DigiGrade is **recognised as the world's most reliable and efficient colour fastness assessment system**.
- ✓ Using DigiGrade demonstrates an organisation's commitment to **high quality standards and supply chain efficiency**.
- ✓ DigiGrade meets BS EN ISO 105-A11:2012 Textiles - Tests for colour fastness Part A11: Determination of colour fastness grading by digital imaging techniques.
- ✓ DigiGrade offers a complete colour fastness measurement solution **as it can determine light fastness of blue wool samples**.



## DigiGrade - the best gets better

All VeriVide products are continuously improved - DigiGrade is no exception. The latest developments include:



### Light fastness assessment

DigiGrade automatically determines the light fastness of blue wool samples. It is accurate and consistent. The end-point can be measured, recorded and viewed.



### Rubbing tool

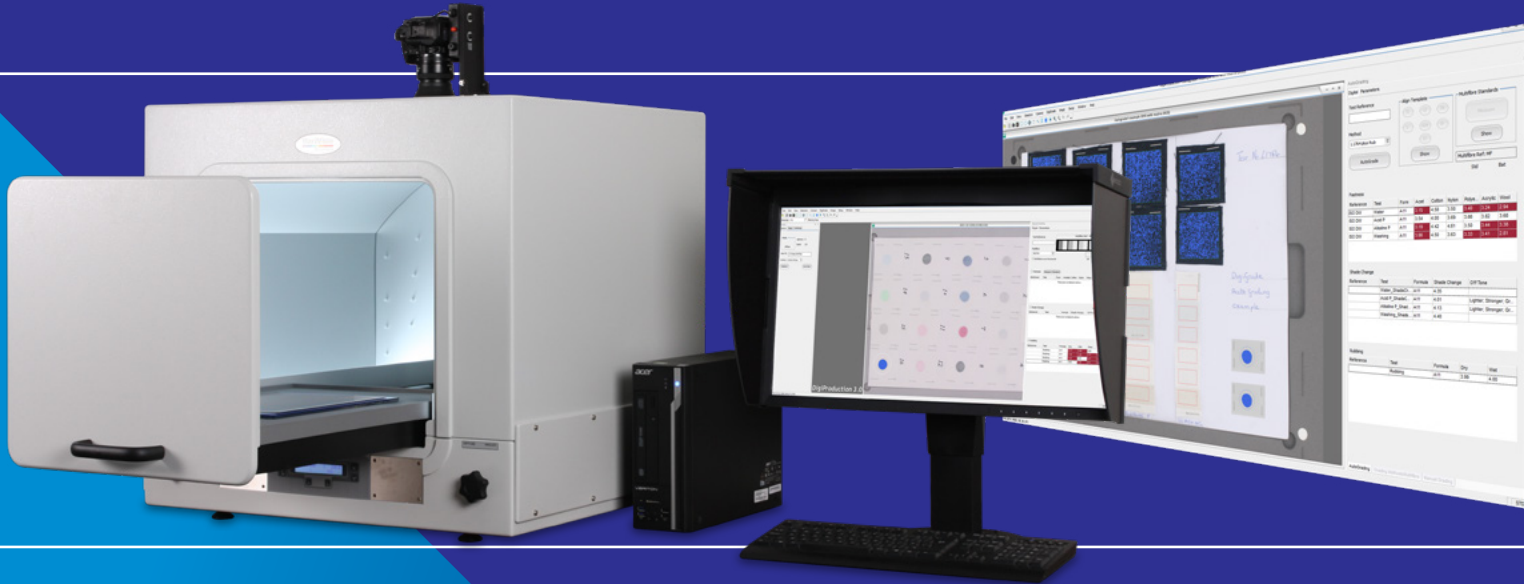
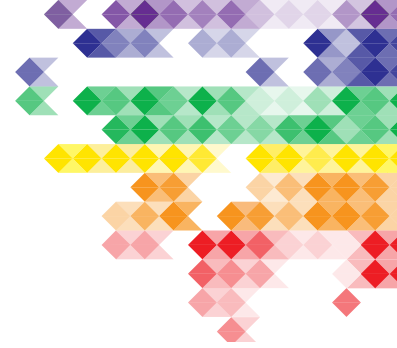
Offers one-click crocking testing using a pre-defined filter. Eliminates the need for before and after measurements.

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## DigiGrade - the benefits

- ▶ The world's smartest colour grading system.
- ▶ Much faster and more accurate than visual grading and A04/A05.
- ▶ More objective and consistent.
- ▶ ISO and AATCC compatible.
- ▶ NEW 64 bit processing means DigiGrade is adept at handling over 100 images with no performance loss.
- ▶ Measures many samples at the same time.
- ▶ Measures 3D surfaces, non-uniform shades, uneven staining.
- ▶ DigiGrade's unique autograding tool and communicates data and images.
- ▶ Easy to use - one day's training required.
- ▶ Adopted worldwide after several years in global trials.
- ▶ Accepted by a variety of major retailers and brands, including M&S.
- ▶ Used by most independent testing labs.



Find out how best to maximise its benefits for your business, contact the DigiEye team

Call: +44 (0)116 284 7790  
email: [sales@verivide.com](mailto:sales@verivide.com)

VeriVide is committed to innovation in colour assessment and quality control. From constructing bespoke standardised viewing environments to developing new lighting products to meet industry standards, improving your quality and productivity is always our priority.

VeriVide is BS EN ISO 9001 : 2015 assessed and registered. All our colour assessment and measurement equipment is made in the UK. Design and specification subject to change without notice.

# VeriVide



See in Truth

For further technical information  
visit: [www.verivide.com](http://www.verivide.com)

MADE IN  
BRITAIN



Scan the QR code on your mobile device to go directly to our website

Tel: +44 (0)116 284 7790  
Email: [sales@verivide.com](mailto:sales@verivide.com)

VeriVide Limited,  
Quartz Close, Warrens Business Park,  
Enderby, Leicester LE19 4SG UK