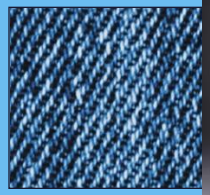
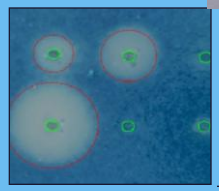
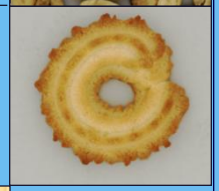
Videometer

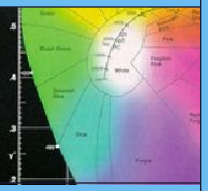
New vision sensors for lab and in-line quality assessment



Introduction to VideometerLab 2 for the rapid analysis of packaging materials for pharmaceuticals







For more information contact:

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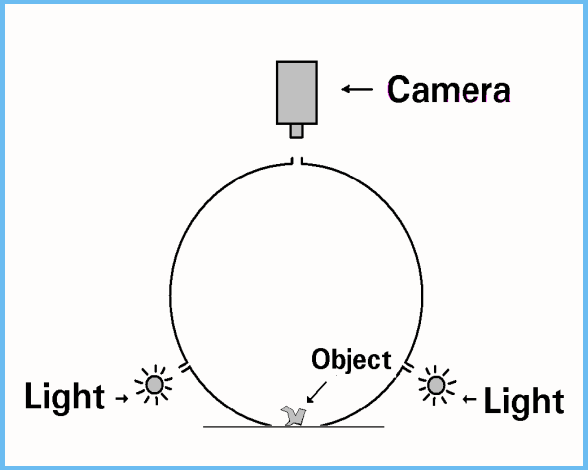
Why use imaging on packaging?

- Eliminates subjective assessment
- Focus on certain areas of a sample
- Anti-counterfeit or substitute investigations

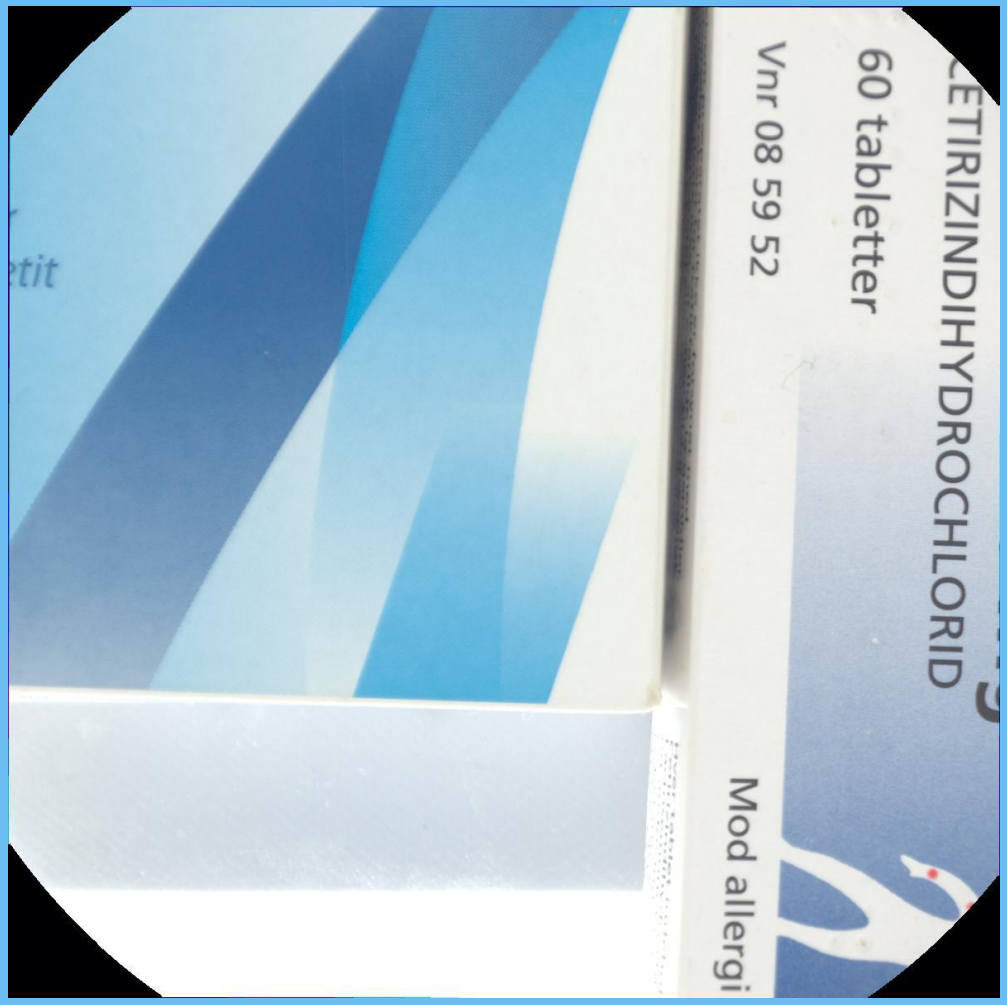
VideometerLab 2

Laboratory device for multispectral imaging

- Up to 20 spectral bands in the range 360 nm to 1050 nm
- Up to 2448×2048 pixels per band
- Very homogeneous and diffuse illumination
- Strobed LED light source

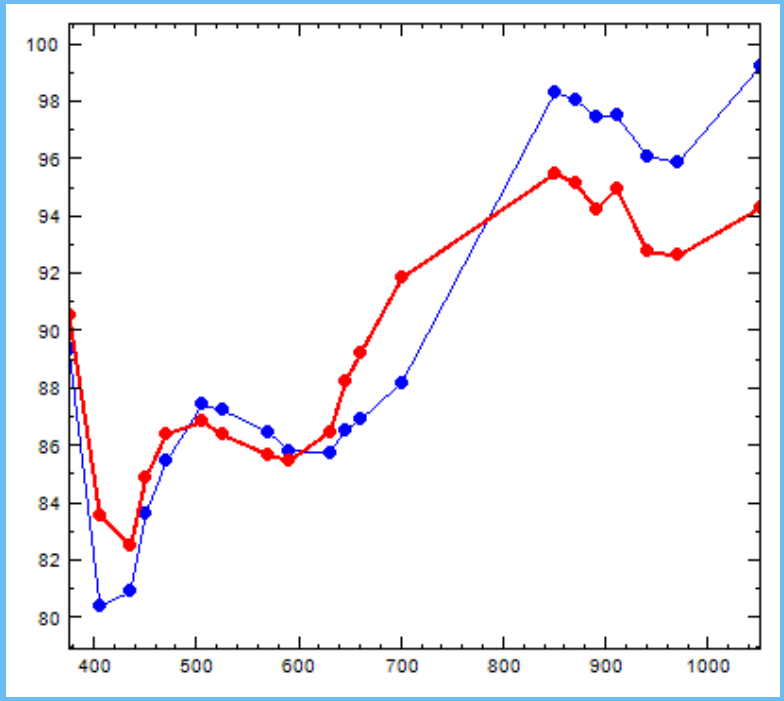


Investigating colour differences



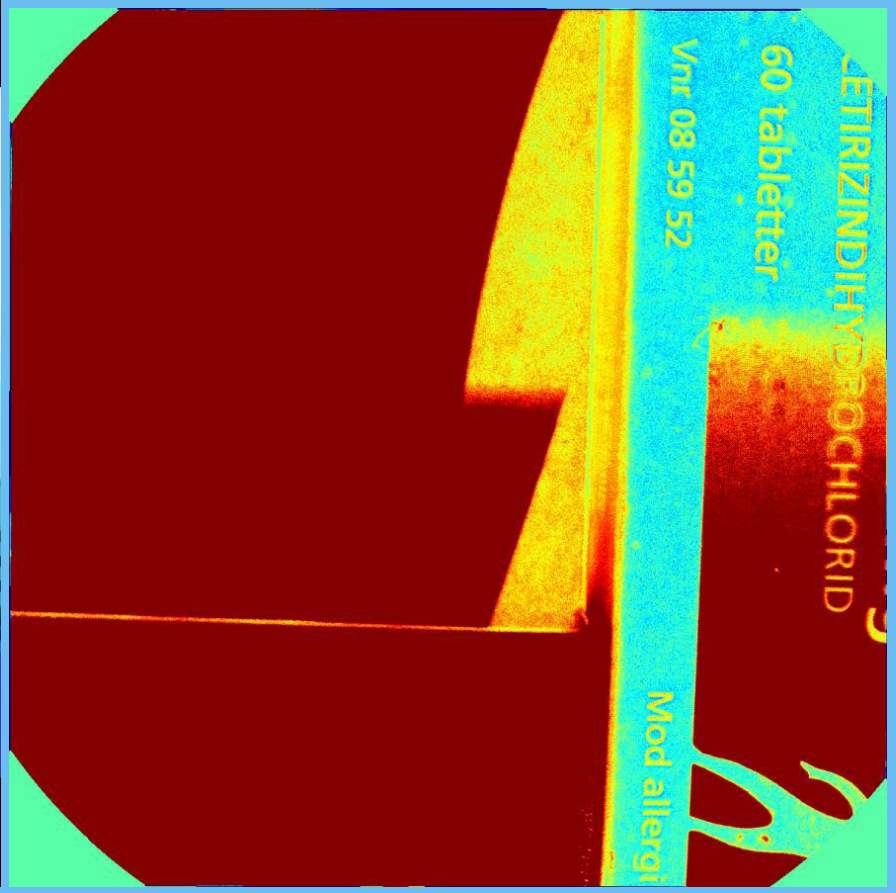
Two different packages are shown on the VideometerLab2 sampling area

Comparison of white base colour



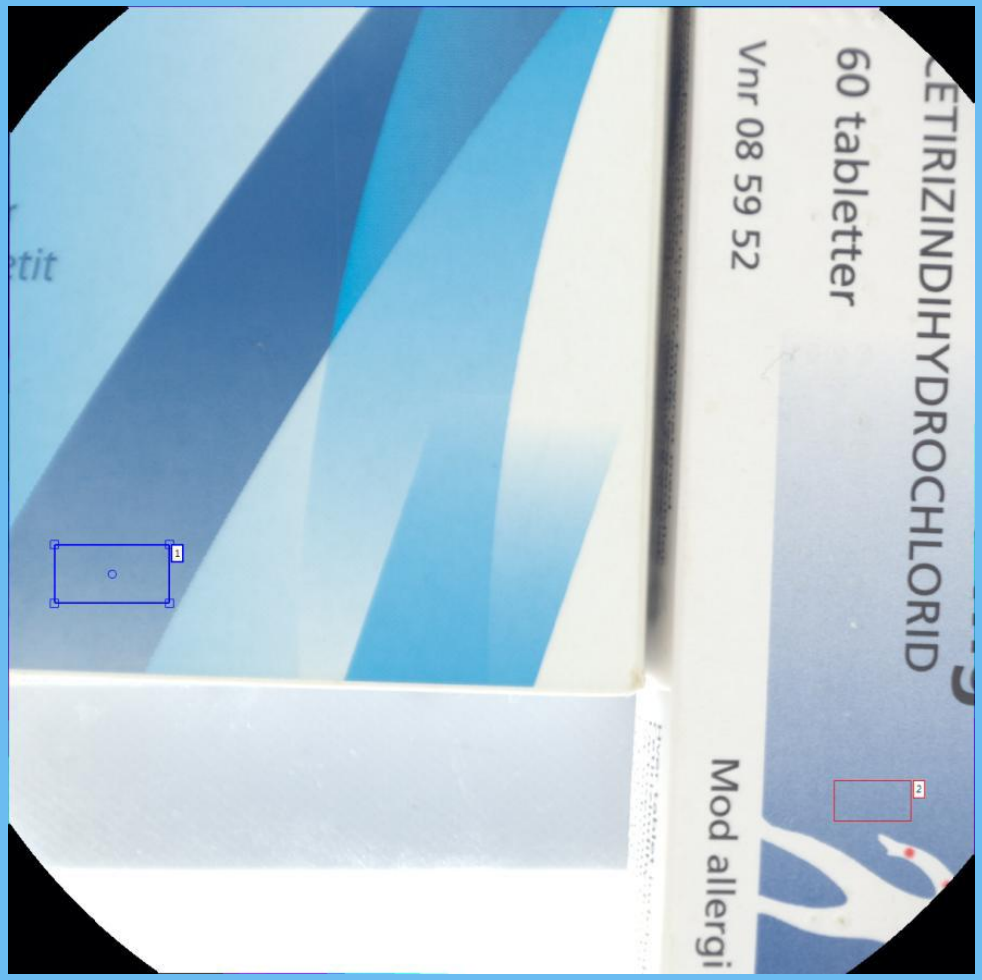
Two versions of ‘white’ with different spectra

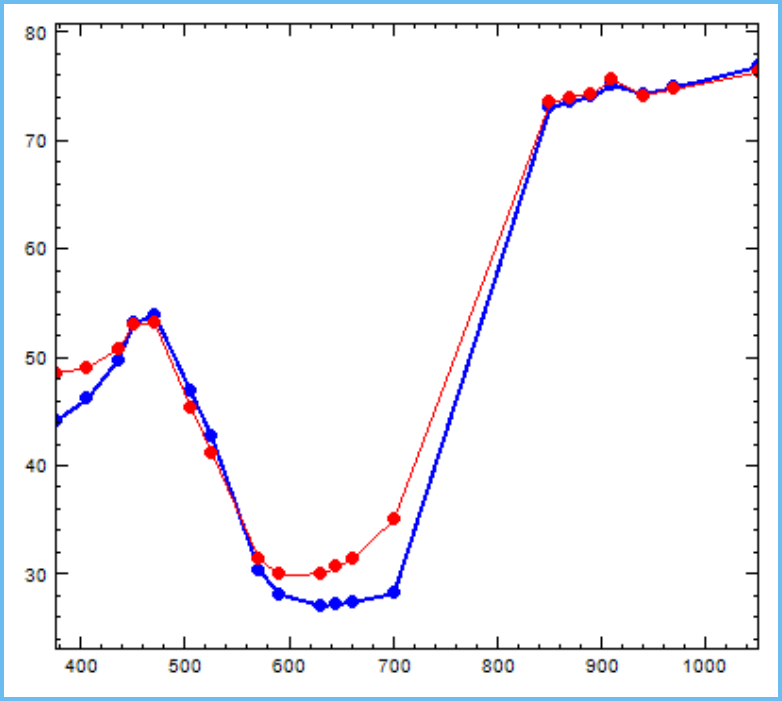
Comparison of white base colour



Mapping the distance to white base colour of right sample

Comparison of visually similar ‘blues’





Conclusion

- Visually packaging materials can be similar, but different spectra can easily be discriminated
- Colour differences can be mapped in many different ways and some options have been illustrated here
- Any colour difference can be quantified in a few numbers

- There are many further applications on the use of spectral imaging in pharmaceutical packaging
- For more information contact Analytik (UK and Ireland distributor)

  www.analytik.co.uk