

StreamLine™: Raman chemical imaging just got faster

Fast chemical imaging

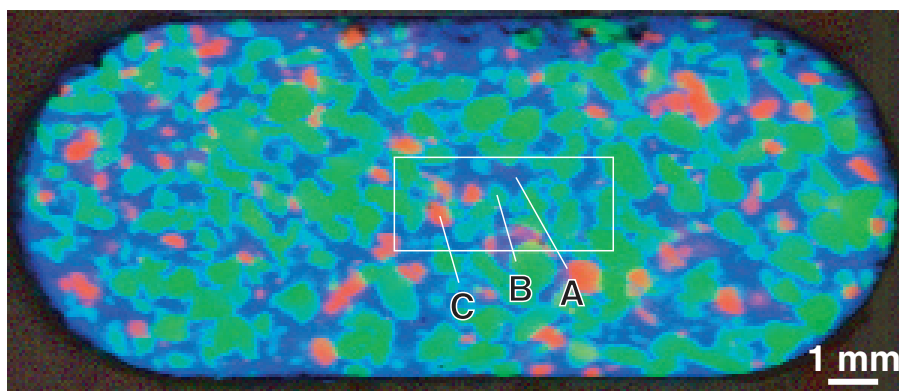
The new StreamLine™ technology from Renishaw enables you to produce Raman chemical images far faster than has been possible before. Raman images that used to take hours to produce can now be created in minutes.

StreamLine™

StreamLine™ technology is available as an option for Renishaw inVia Raman microscopes. It comprises proprietary hardware and software that dramatically increase the speed of data acquisition.

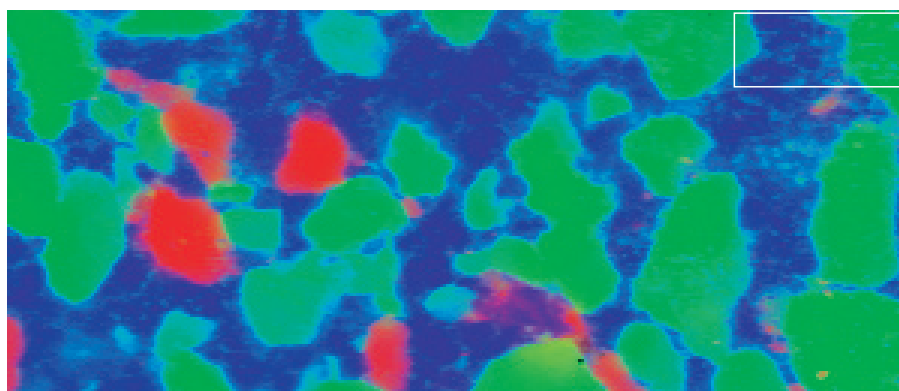


inVia Reflex Raman microscope



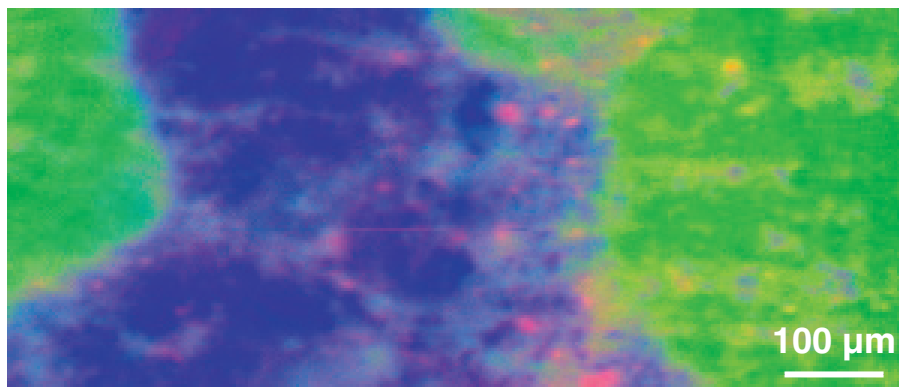
StreamLine™ image of a pharmaceutical tablet (size 18 mm x 7 mm), acquired in 30 minutes (50 ms per spectrum).

Colour coding:
caffeine (red);
aspirin (green);
paracetamol (blue).



StreamLine™ image of the area indicated by the white rectangle in the figure above, also acquired in 30 minutes (50 ms per spectrum).

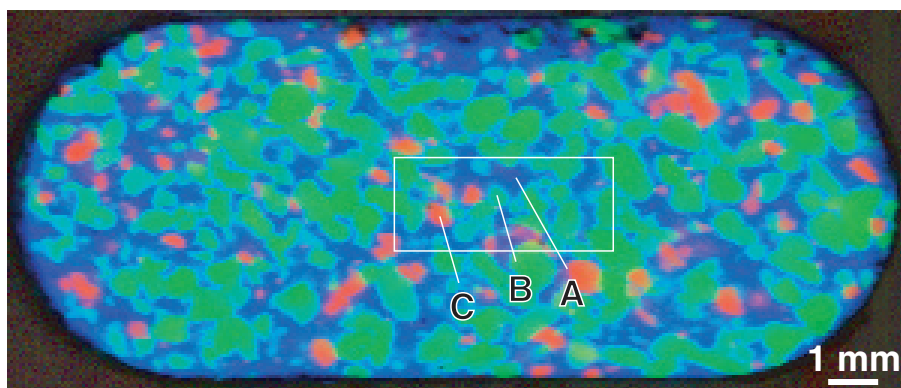
Colour coding:
caffeine (red);
aspirin (green);
paracetamol (blue).



StreamLine™ image of the area indicated in middle figure, also acquired in 30 minutes (50 ms per spectrum).

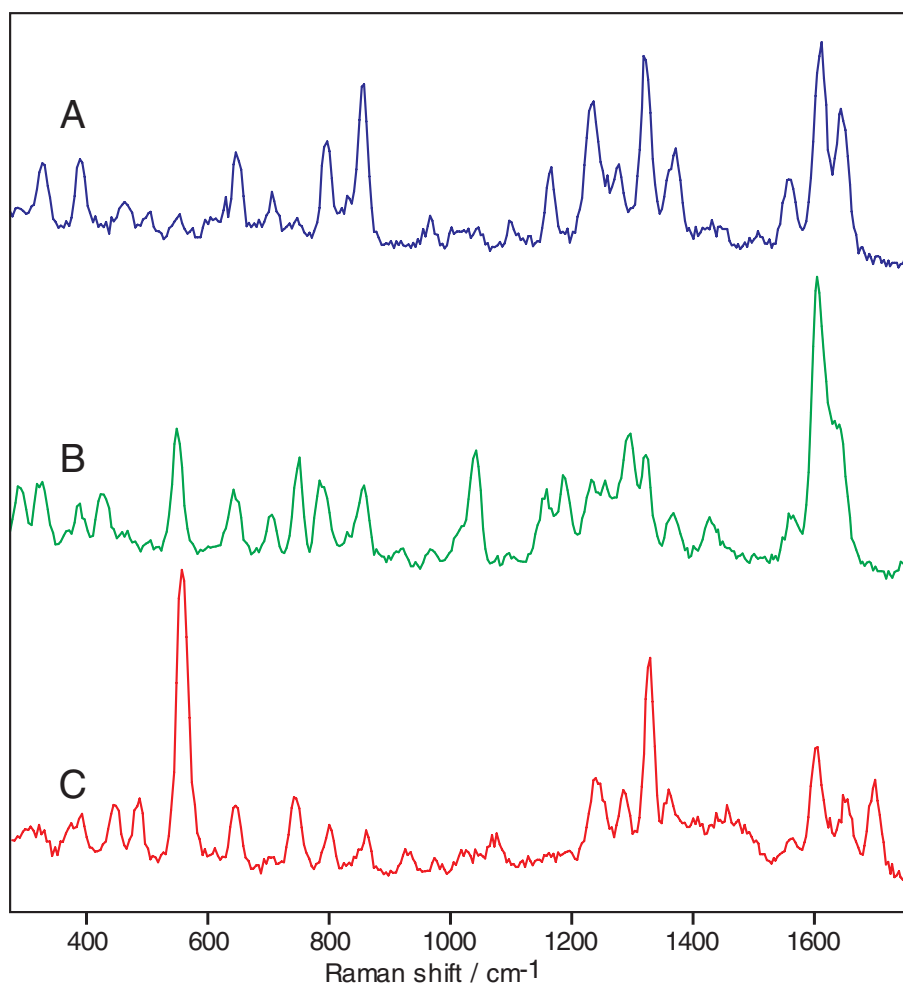
Colour coding:
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StreamLine™ spectra from the three locations indicated in the figure above, showing the very high data quality.