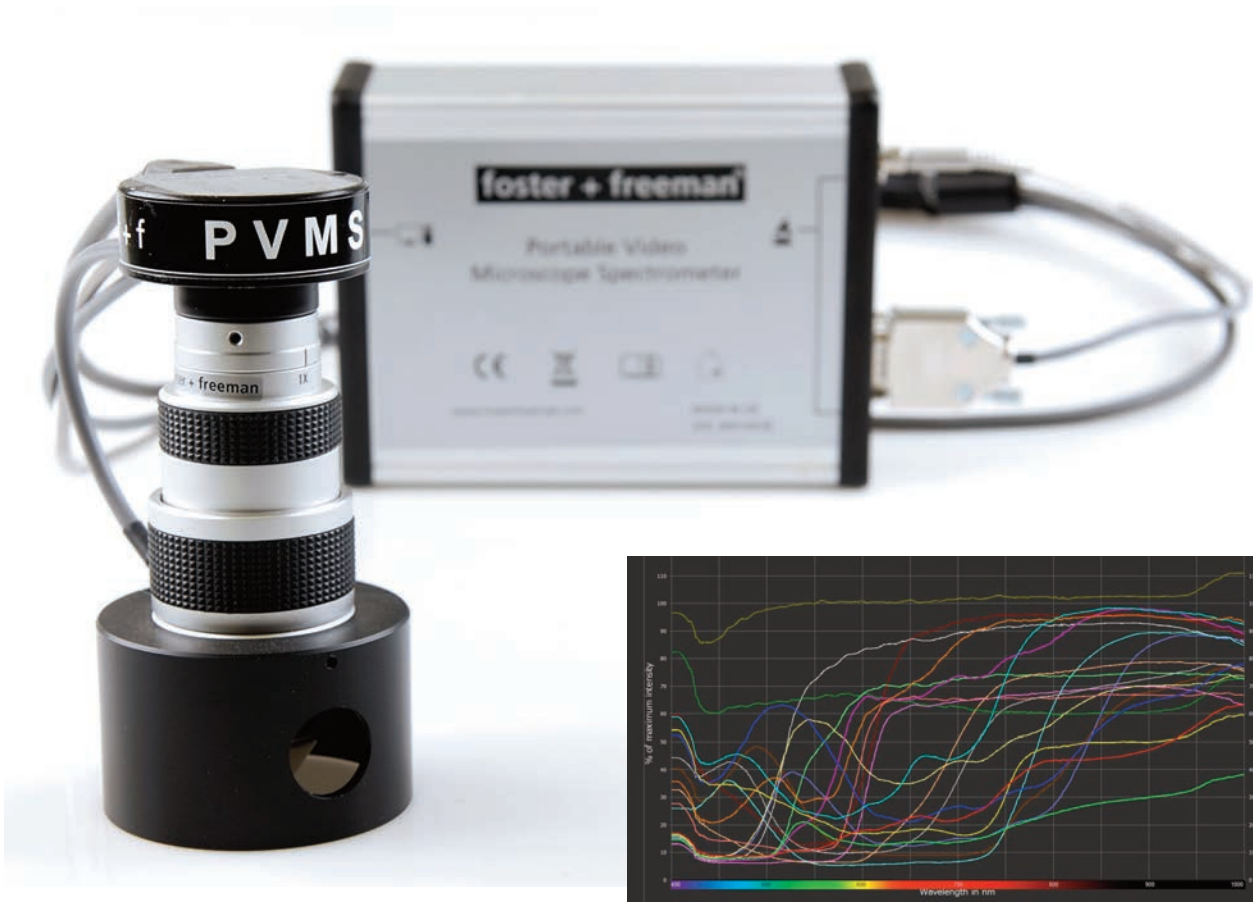


VSC®80 accessories

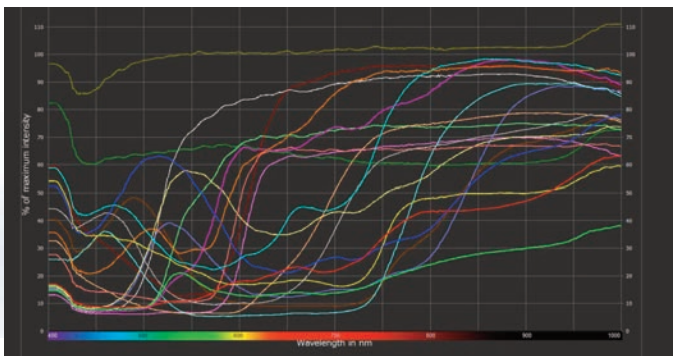


VSC® 80 Portable Video Micro Spectrometer

A plug-in accessory for the VSC80 document examination workstation, the Portable Video Microspectrometer (PVMS) enables the forensic document examiner to identify differences in ink and paper formulations through non-destructive spectral analysis.

Adding further functionality to the VSC80 workstation, this compact fibre-coupled spectrometer, with 3x zoom microscope, captures real-time absorption, reflectance, fluorescence and transmitted spectra to be displayed on-screen in a simple graphical format.

An ideal technique for the discrimination of visually similar inks, including ball point and liquid ink pens, microspectrometry has also been demonstrated to be an effective in the study of the sequence of intersecting lines (Biao Li, 2016).



VSC80 PVMS Portable Video Microscope

Order # VSC80/PVMS

Spectrometer

- USB 2.0 fibre-coupled spectrometer
- Wavelength range of 400-850nm
- 5nm resolution
- Sampling area of diameter 67-200 microns

3x optical zoom video microscope

- Robust metal construction
- Adjustable focus throughout zoom range
- 5MP USB 3.0 CMOS digital camera
- Integrated UV-Vis-IR LED illumination
- Horizontal field of view 5.8-1.9mm
- Magnification of 82x-249x on a 32" monitor

