TRAINING / FORENSIC APPLICATIONS

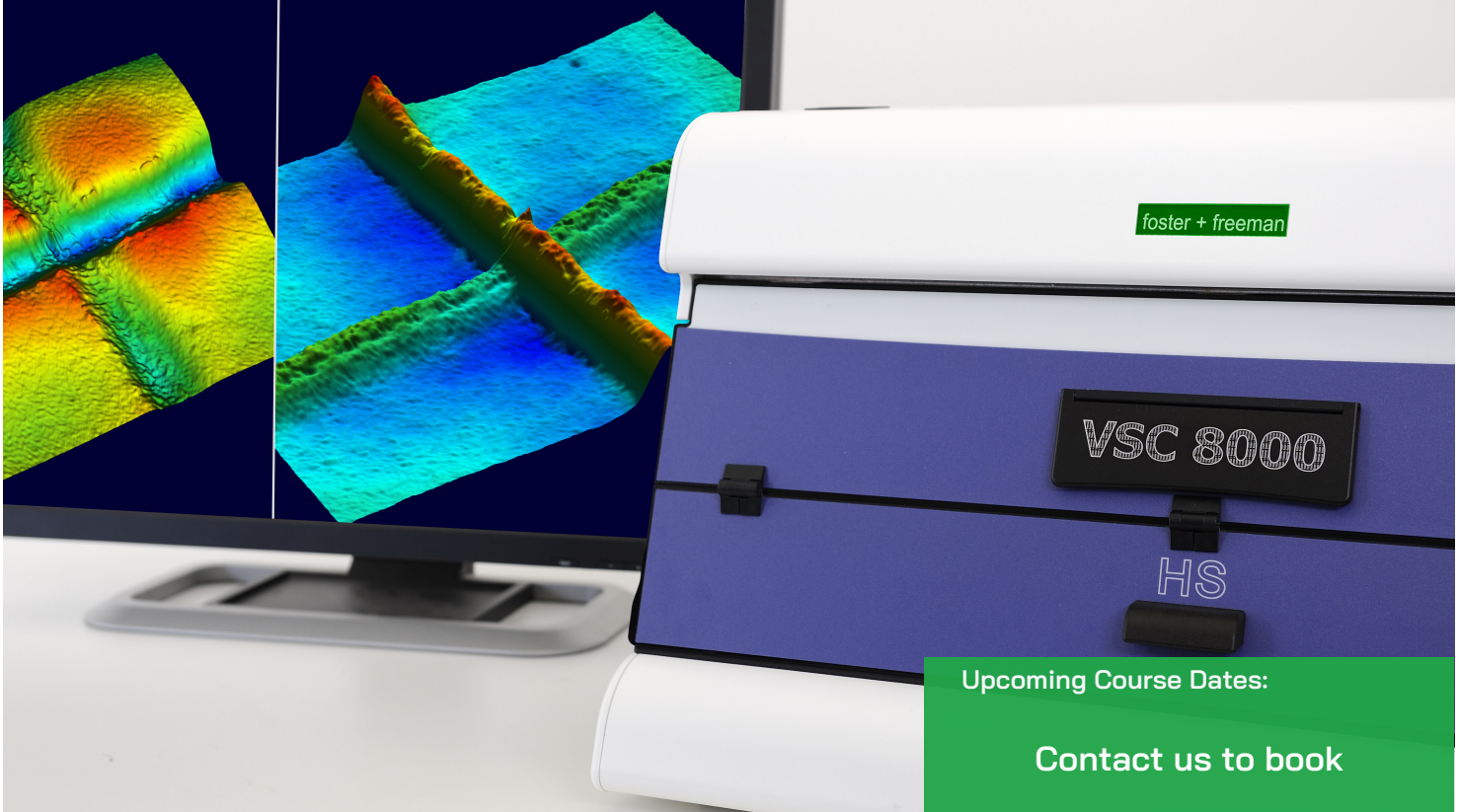# Document Examination With The **VSC 8000HS®**

Upcoming Course Dates:

Contact us to book

Contact: sales@fosterfreeman.com

Course Details

Duration:	3 days
Level:	Basic
Products:	VSC8000HS
Keesing Databases
E-Readers
Location:	foster+freeman
Evesham, UK

Customer Site |
| **Delegates:** | 4 - 8 at foster+freeman
Up to 5 at customer site |
| **Language:** | English
(translator optional) |
| **Assessment:** | Written/Practical |

3-day practical training course to enable delegates to understand the features of the VSC 8000HS

Questioned document examiners are required to utilise a range of technologies in order to verify the authenticity of questioned documents.

During this hands-on training course, delegates will be introduced to the VSC 8000HS and learn how to use it effectively for the examination of a range of questioned document types.

> Understand the tools and techniques required for effective questioned document examination.

foster+freeman

Led by our team of Questioned Document Examination Product Specialists, training will include a mix of guided practical sessions, interactive presentations, and group discussions.

On day 3 of the course, a brief assessment will demonstrate the progress of the group before returning to duty armed with powerful new knowledge and techniques. Our basic and advanced courses can be combined into a 5 day course.

The Ultimate Questioned Document Examination Workstation

System Setup and Overview

» Hardware components and their functions
» Start-up procedure and pro iles
» Suite layout and workspaces

Basic Operation

» Display modes
» Saving, storing and recalling images and their settings
» Changing magnification - low and high ranges
» Digital magnification
» Focus
» Camera functions - auto and manual
» Camera signal histogram
» Sharpen image function

Principles of Document Examination

» Infrared and visible imaging
» Infrared absorption and fluorescence analysis
» Ultraviolet examinations – visible fluorescence and phosphorescence
» Anti-Stokes examination
» Transmitted lighting examination
» Side lighting examination
» OVD viewer examination
» OVI viewing module
» Co-axial lighting examination
» Polarised lighting

Overview of Menu Functions

» Tutorial
» Manual
» Options

Additional Functions

»   IPI/Scrambled indicia decoding (If applicable)
»   Passport OCR reader
»   Latent image viewer
»   Barcode reader
»   Annotations and measurements toolbar
»   Auto Examine
»   Document Database (with Keesing if applicable)
»   Currency Database (with Keesing if applicable)
»   3D Imaging

Image Modes

» Split-screen images
» Mixing Images (Overlays)

Spectrometer and Chromaticity Charts

» Obtaining spectra on the VSC
» Interpretation of spectra
» Spectral averaging
» Obtaining reflectance/absorption spectra
» Calibration

Maintenance

» Cleaning and System Maintenance

TRAINING / COURSE OUTCOMES

Day 1:

Content:

- Introduction to foster+freeman
- VSC range overview
- VSC applications
- Factory tour
- VSC 8000/HS setup and overview
- Basic VSC operations and controls
- VSC light sources

Methodology:

- Presentation
- Demonstration

Outcomes:

Delegates will gain an understanding of different Questioned Document Examination applications and what features the VSC offers to aid this.

Day 2:

Content:

- VSC light sources continued
- Image comparisons and mixing modes
- Overview of examination tools and techniques.
- OCR/MRZ reader
- Barcode reader
- Latent image viewer
- Document and Currency databases
- 3D imaging
- Isolate Colour
- Auto examine

Methodology:

- Presentation
- Demonstration
- Practical session with VSC and relevant training samples

Outcomes:

Delegates will have been fully versed in all VSC technologies and should be able to successfully interrogate a range of questioned documents.

Day 3:

Content:

- Annotations and Measurements
- Basic overview of spectrometer in reflectance or absorption mode, including basic interpretation of spectra.
- Overview of maintenance and care.
- Tutorial
- Q&A session
- Assessment
- Final certification

Methodology:

- Presentation
- Demonstration
- Practical session with VSC and relevant training samples

Outcomes:

Delegates will have been fully versed in all VSC technologies and should be able to successfully interrogate a range of questioned documents.

Day 4 (Optional Immigration Training)

Content:

- Common immigration examination techniques covered in further detail.

Methodology:

- Presentation
- Demonstration
- Practical session with VSC and relevant training samples

Outcomes:

Delegates will have been fully versed in all VSC technologies and should be able to successfully interrogate a range of immigration documents.