

Video spectral comparator

The VSC- 4C is a sophisticated document imaging apparatus examination designed to detect forgeries and whether a document was altered. It allows to see the features like watermarks, indented or embossed features and other security markings such as UV reflective markers and safety features added to documents to make them more difficult to copy



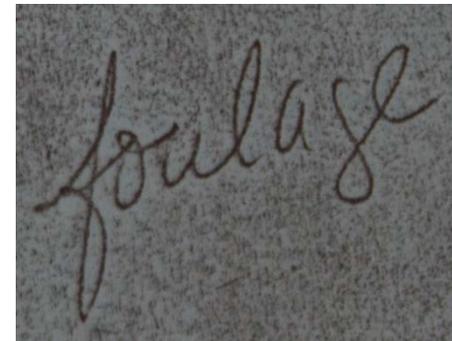
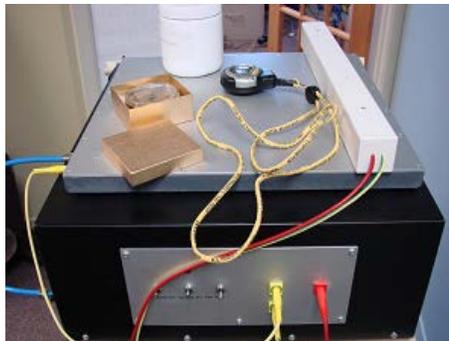
The VSC 4C also examine inks comparing them to see if they are different from each other. Two inks may appear identical to the naked eye, so they appear different when viewed infrared light.

The VSC- 4C also reveal indentations, invisible to the naked eye. These indentations s are highlighted by the use of an oblique light



Electrostatic Detection Aspartus

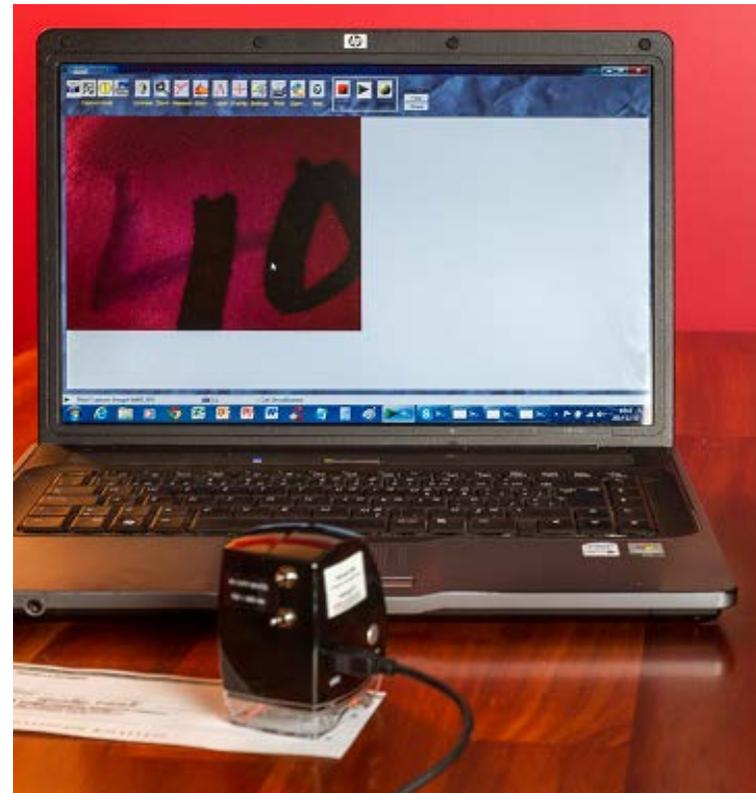
The document is placed on a porous plate. A suction pump can greatly flatten the paper on the tray. Then covered the whole of a thin polyester film subjected to corona discharge (high voltage wire electrode). Was then sprayed a developer powder which is preferably deposited in the grooves, where the support offers less resistance to the current . The image of the indentations can be maintained by covering the polyester film by a transparent adhesive



Mi Scope – digital microscope

The MiScope combines a digital movie camera, precision optics and LED lighting in a microscope that fits in the palm of your hand. The MiScope has 40 - 140X magnification which lets you zoom in on the fine details of insects, textiles, electronics or anything else too small to see.

Place the MiScope over the object, and view the image on your computer screen, instead of looking in a small eyepiece. Capture images or movies, and easily add labels, make measurements and draw on the live image. The MiScope connects to your computer's USB port either laptop or desktop and comes with included Video ToolBox imaging software.

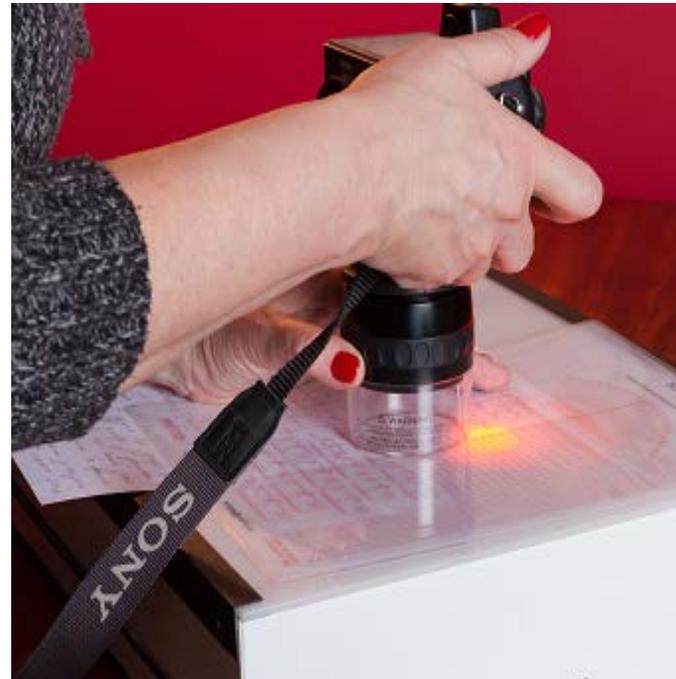


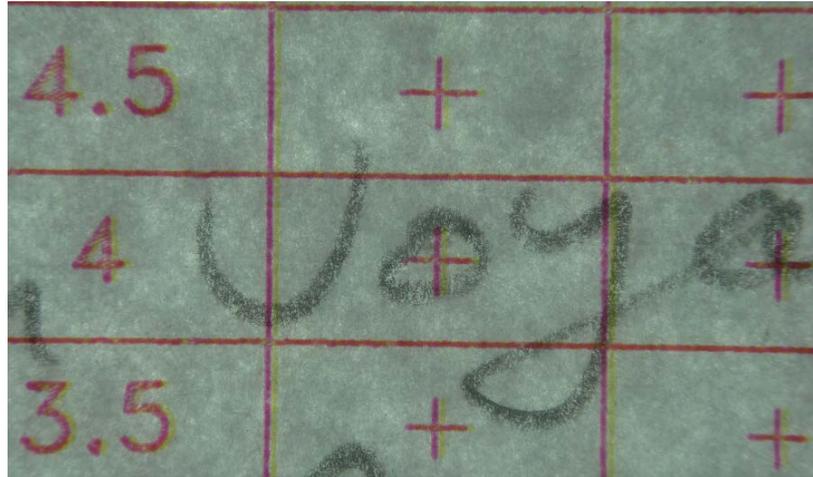
Light Table

The light table consists of an electric light source; fluorescent tubes topped by frosted glass worktop that diffuses light evenly and avoid direct exposure to lamps.



Transmitted light makes it possible to highlight registration under a masking tape





Coupled with a camera, a grid and a magnifier , light table lets you take images of measurement characteristics of writing