

Regula



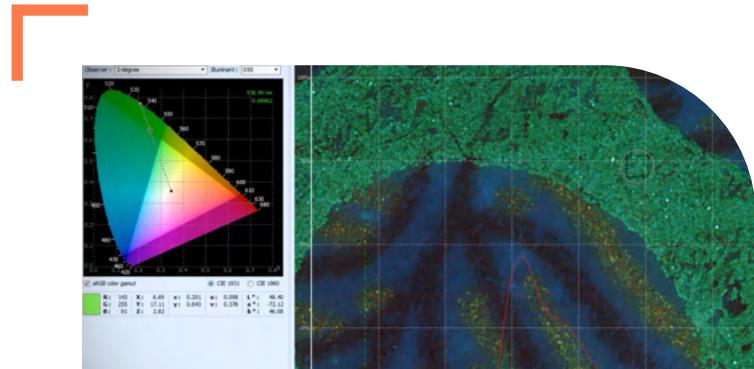
Regula 5006

Portable Spectrometer-Microscope

The Portable Spectrometer-Microscope Regula 5006 is a versatile device that seamlessly combines the functionality of a spectrometer and an electronic microscope.

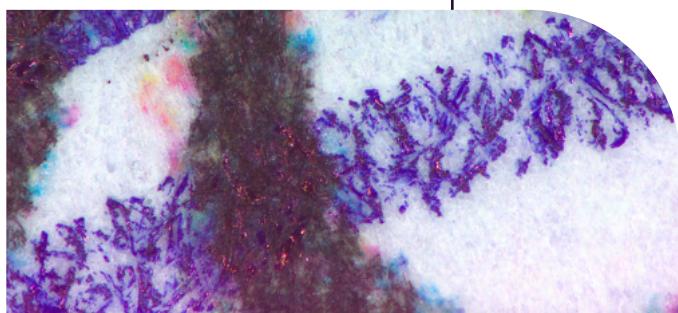
High-precision spectrometer

The Regula 5006 can function as a spectrometer in both the visible and UV ranges. The Range of wavelength is 350–850 nm.



Light modes

white · oblique white · coaxial white · frontal coaxial white
white for 3D · wide range (400–850 nm) · UV (365 nm) · UV (405 nm)

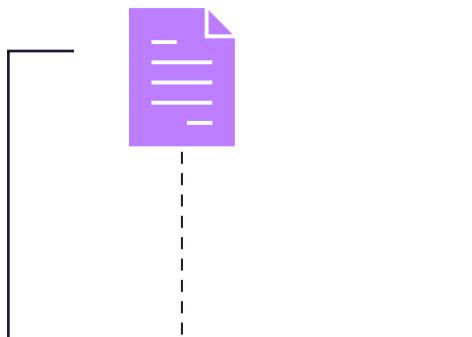


The Microscope

As a microscope, Regula 5006 enables users to achieve magnifications of up to 300x while maintaining excellent image quality, thanks to the built-in 11 MP camera.

Wide Range of Tasks

With the Regula 5006, you can verify the authenticity of documents and banknotes by determining the printing technique, detect additions and corrections, determine the sequence in which strokes were applied, perform spectral analysis of color characteristics, visualize microprinting applied by blind embossing, check the quality of coin minting, etc.



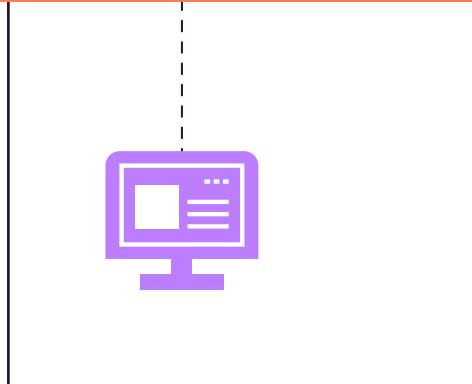
Measurements, Processing and Results Documentation

The Regula Forensic Studio software not only facilitates all essential measurements and image processing, but can also capture and export the results into a report.



Portability and functionality

The Regula 5006 can be used in both expert forensic workspaces and mobile forensic laboratories, Schengen buses, and even at the scene of an incident.



User-friendly device

The Regula 5006 is an all-in-one device. All you need to do is connect the device to a PC with a USB cable. The PC must have the RFS software installed.

Use Cases and Applications

01

Documents and banknotes verification

04

Color measuring

02

Alterations detection

05

Detection of sequence of strokes

03

Large objects inspection

06

Arts examination