SPECTRA**PICK** FEATURES

- Colorimetric and Spectral imaging AI based calibration;

- Wavelength range and camera independent;

- Arbitrary number of input images and customizable output bands;

- Input format: TIFF16, TIFF8, JPG, RAW (Nikon*.NEF, Hasselblad *.FFF, PhaseOne *.IQ4 and Canon *.CR2);

- Images from different types of sensors and scanners (X-rays, XRF, THz, etc.) are accepted as well to be aligned to the spectral ones;

- Radiometric accuracy higher than 98%;

- Colorimetric precision ΔE2000 ≤ 2;

- Production of CIELAB image,

- System presets:

  - A) PFCL-A filter to obtain CIELAB image exportable to sRGB, AdobeRGB, WideGamut, Prophoto color spaces;

  - B) PFCL-A, PFCL-B filters to obtain CIELAB image plus 7 bands and IR/UV false colors, plus up to 14 customizable bands imaging spectra in the range of 300-1000 nm;

  - C) PFCL-A, PFCL.B, PFCL- XA, XB, XC to obtain CIELAB image and imaging spectra up to 28 customizable bands in the range of 300-1000 nm;

- Customizable output bands through tools of virtual filters transmittance;

- Output format: TIFF16, TIFF8, JPEG, PNG;

The number of output bands depends on the filters used during the acquisition of the input images.