

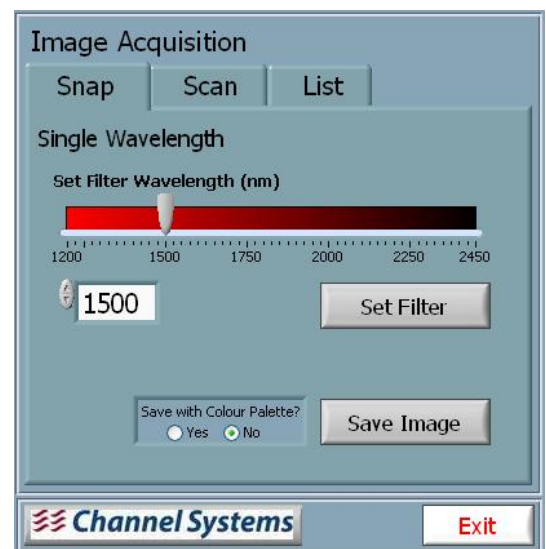
CSIspec-TF

Spectral Imaging Software

CSIspec-TF is a powerful multispectral imaging program. It has an intuitive user interface that makes it easy to acquire and visualize complex spectral data sets. It is specifically designed for acquisition and analysis of images from tunable filter-based imaging systems.

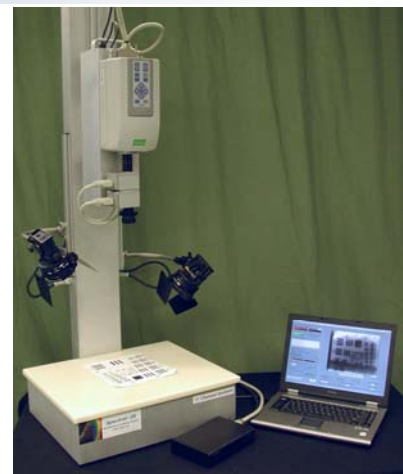
Image Acquisition and Analysis Functions

- Normalize data to a white and dark reference
- Remove specular highlights from a frame
- Snap, list or scan control of filter bandpass
- Generate spectral curves
- View spatial data at any wavelength
- Create false colour images for any three wavelength settings
- Obtain intensity values at any wavelength for any pixel
- Save the spectral cube as individual JPEG files or in ENVI format
- Perform a complete scan in seconds



Camera and Filter Control

- Select any wavelength in the filter range:
 - 900—1700 nm
 - 1200—2450 nm
- Filter calibration and temperature monitoring
- Image averaging for noise reduction
- Adjust for hot, dead or non-linear pixels



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