

Spectral-IR

Spectral Imaging for Art Conservation

The *Spectral-IR* family of multispectral near-infrared imaging systems are designed for non-destructive imaging of works of art and other materials. These near-infrared systems produce image sets with precise spectral and spatial information.

Features

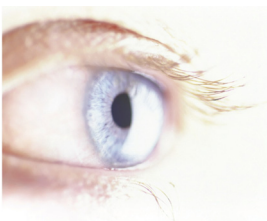
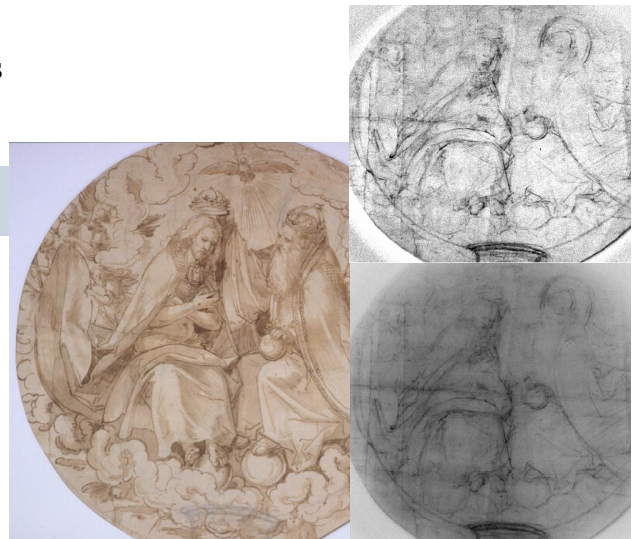
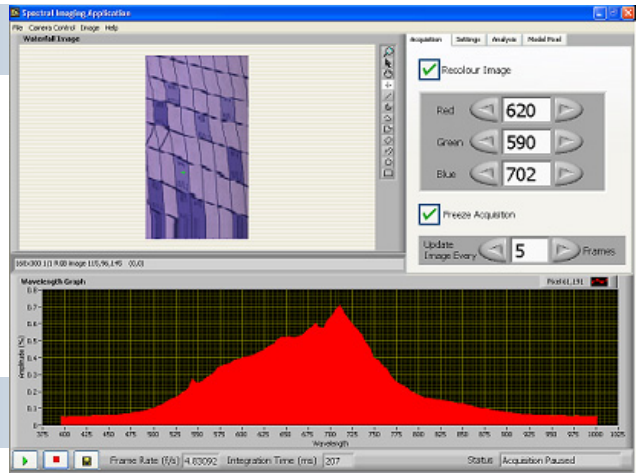
- Easy setup for portable or lab use
- Normalize to a white frame and dark frame
- Display spectral curves for any pixel/ROI
- Display image in any wavelength range
- Apply false colouring to any wavelength
- Save spectral cube in TIFF or ENVI format

System Components

- Windows XP laptop
- Spectrally-corrected objective lens
- Two 750 W halogen lamps with diffuse lens
- Rugged cases for shipping/storage

Applications

- Reveal underdrawings
- Discriminate pigments/binders
- Expose faded text
- Determine authenticity
- Improve contrast



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been **missing...**

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