

Introducing FX FUSION

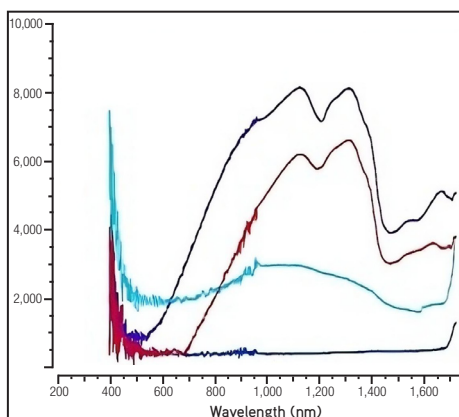


UNLEASHING THE POWER OF HYPERSPECTRAL DATA FUSION

Empower your Analysis with Seamless Integration and Precision. Combine the data from two, low-cost, hyperspectral sensors into a single, seamless dataset with pixel correlation.



FX Fusion system



Spectral curves of merged data for individual pixels

**ADEPT
TURNKEY**
Smarter Imaging For Better Lives

DATA FUSION

Our state-of-the-art system integrates Specim FX10 and FX17 Hyperspectral cameras, creating high-quality 400nm–1700nm single datasets for unparalleled spectral insights.

GEOMETRICALLY REGISTERED DATASETS

Enjoy the benefits of perfectly-aligned datasets, combining FX10 and FX17 data into a unified and precise output ready for in-depth analysis.

PIXEL PERFECTION

Experience outstanding pixel registration across the entire sensor focus range.

USER-FRIENDLY CALIBRATION

Streamline your workflow with a straightforward, once-off calibration guaranteeing precise, reliable results every time.

SEAMLESS INTEGRATION

FX Fusion effortlessly integrates with the Lumo Recorder software, providing a simple and efficient workflow.

REFLECTANCE DATA OUTPUT

Receive sensor reflectance data directly from FX Fusion, allowing for seamless integration into your ongoing analysis processes.

REAL-TIME PROCESSING

FX Fusion processes data at the speed of scanning, providing real-time fusion capabilities for dynamic imaging scenarios.

ADJUSTABLE SCAN WIDTHS

Customise scan widths to optimise resolution, ensuring flexibility for your unique requirements.

BATCH PROCESSING EFFICIENCY

Save valuable time and effort by creating multiple, fused datasets in batches, offline, enhancing overall efficiency.

USER INTERFACE EXCELLENCE

Navigate the Fusion Control Application easily. The intuitive interface simplifies the fusion process, allowing users to focus on their analysis rather than on complex operations.

ADAPTABILITY

FX Fusion can be customized and adapted to work with other sensors, ensuring versatility in your hyperspectral imaging endeavours.

CONTACT US

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