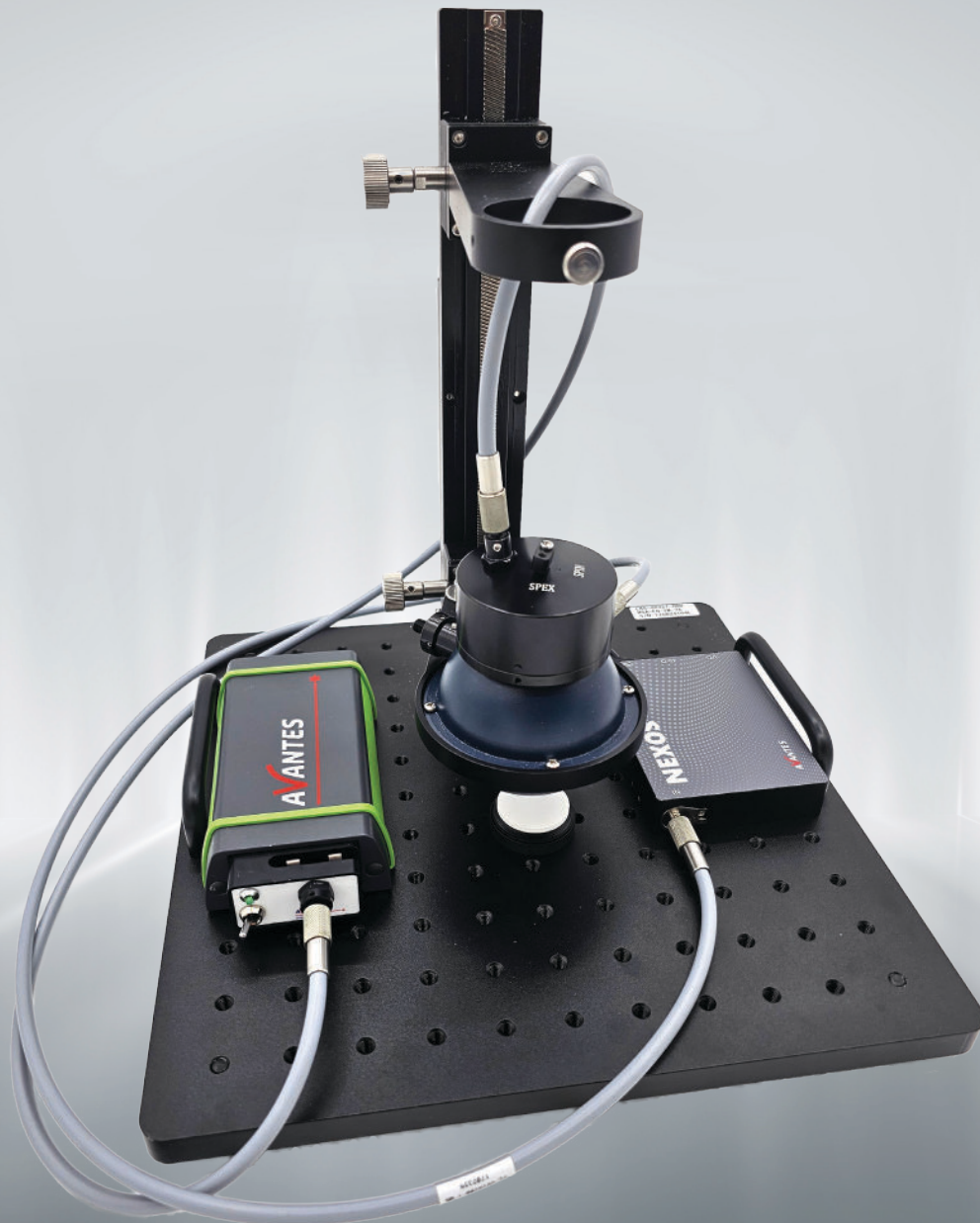


SPECTROSCOPY CONFIGURATIONS

TRANSMISSION AND REFLECTION SYSTEM



REFLECTION CONFIGURATION

Reflection/Transmission Stage

TRAN/REFL STAGE: Integrated transmission and reflection stage with adjustable vertical arm for positioning integrating sphere and samples.

Integrating Sphere

76 mm Spectralon Integrating sphere for reflection or transmission; including two SMA ports, port reducer and reflectance port plug

Light Source

Hal-S-Mini2 Compact, stabilized tungsten halogen light source (360-2500 nm)

Spectrometer

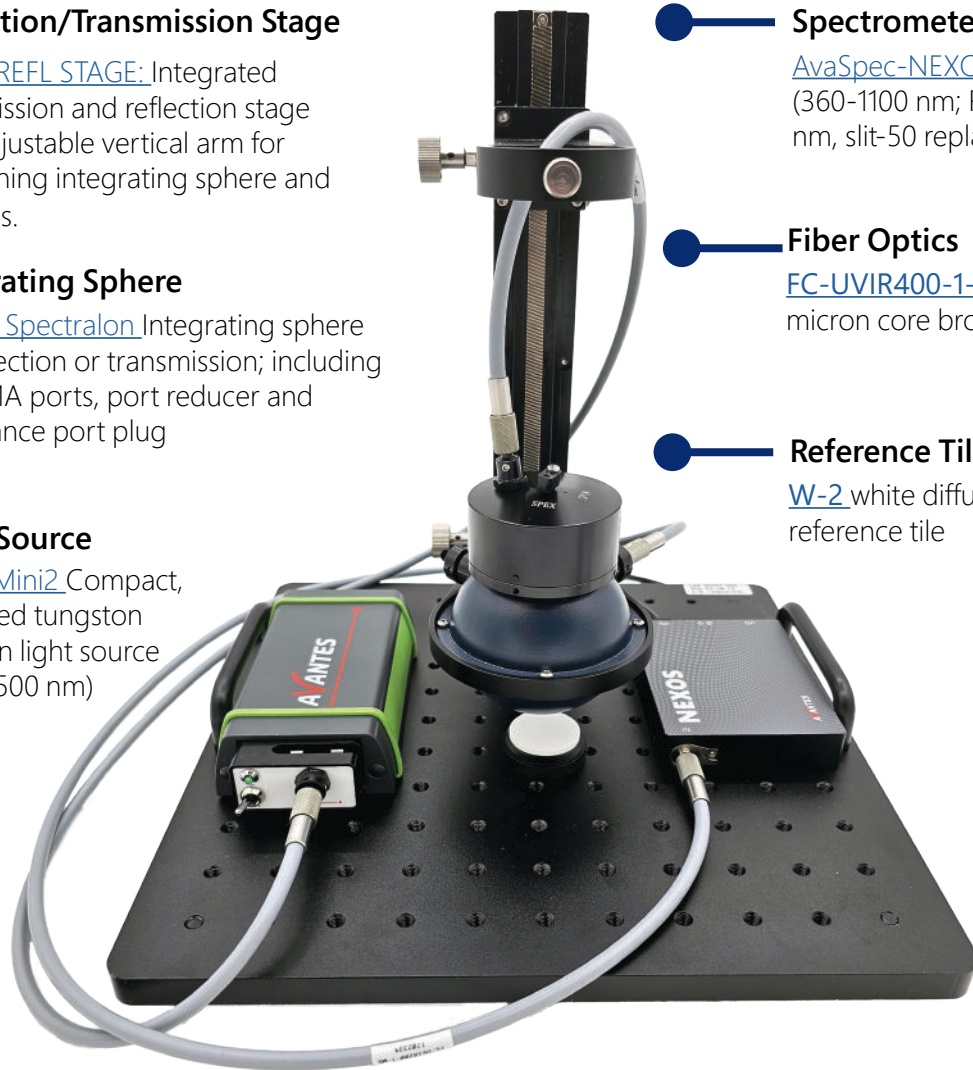
AvaSpec-NEXOS™ 2048 CL (360-1100 nm; Resolution: 2.5 nm, slit-50 replaceable)

Fiber Optics

FC-UVIR400-1-MS: Two 400 micron core broadband fibers

Reference Tile

W-2 white diffuse PTFE based reference tile



ADDITIONAL SPECTROMETER OPTIONS

You can substitute or add these spectrometers to extend the wavelength range



AvaSpec-NIR256-2.5-HSC-EVO
(1000-2500 nm)



AvaSpec-NIR256-2.5-HSC-EVO
(1000-1700 nm)

TRANSMISSION CONFIGURATION

Reflection/Transmission Stage

[TRAN/REFL STAGE](#): Integrated transmission and reflection stage with adjustable vertical arm for positioning integrating sphere and samples.

Integrating Sphere

[76 mm Spectralon](#) Integrating sphere for reflection or transmission; including two SMA ports, port reducer and reflectance port plug

Light Source

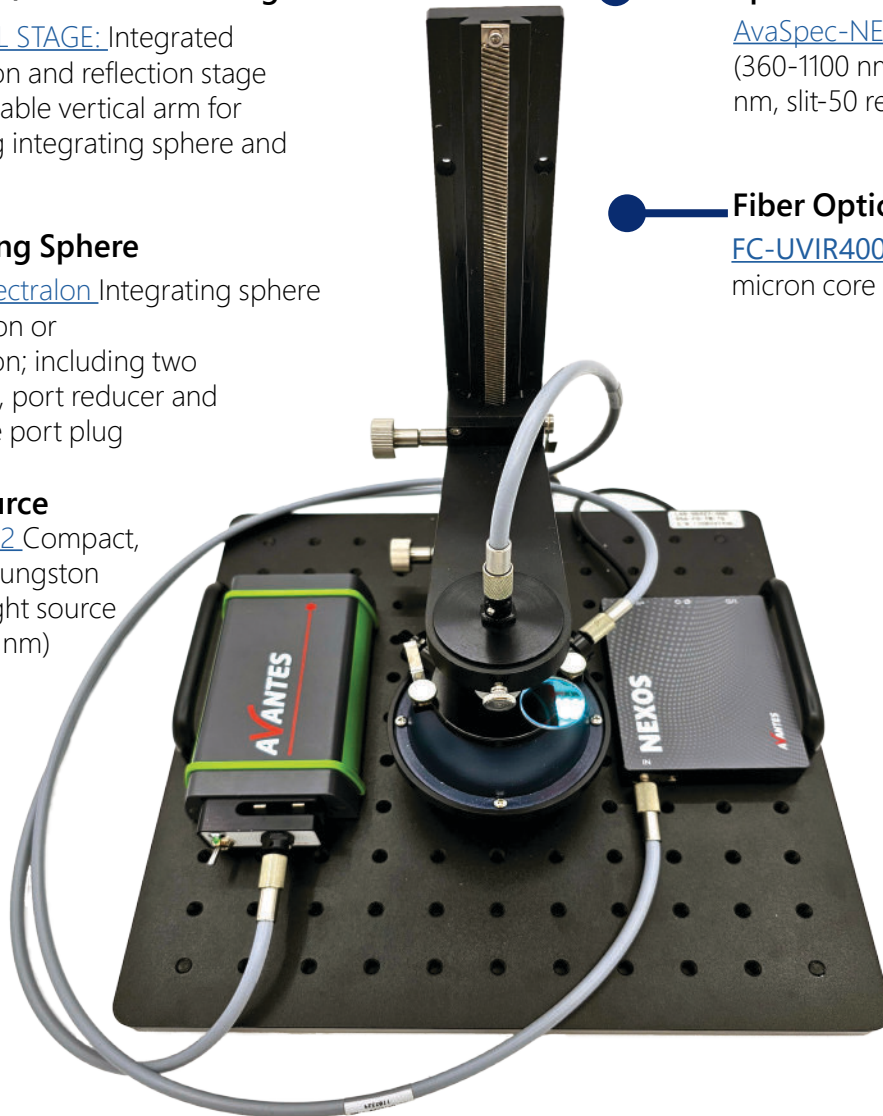
[Hal-S-Mini2](#) Compact, stabilized tungsten halogen light source (360-2500 nm)

Spectrometer

[AvaSpec-NEXOS™ 2048 CL](#) (360-1100 nm; Resolution: 2.5 nm, slit-50 replaceable)

Fiber Optics

[FC-UVIR400-1-MS](#): Two 400 micron core broadband fibers



EXAMPLES OF TRANSMISSION/REFLECTANCE APPLICATIONS

Material Characterization

Color Measurement

Glass Measurement

Optical Filter Measurements

Thin Film Metrology

CONTACT

WE'RE HAPPY TO HELP

Curious how spectroscopy can help you reveal answers by measuring all kind of materials, in-line, at your production facility, in a lab or even in the field? Please visit our website or contact one of our technical experts, we're happy to help you.

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