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TECHNOLOGY GROUP

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Find the *Horiba / Jobin Yvon / ISA SampleMax* at our website: ***Click HERE***

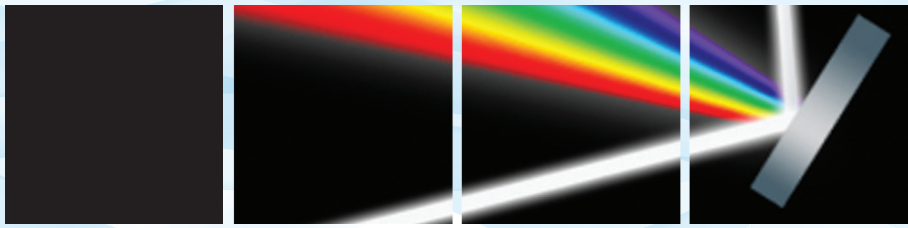
HORIBA Scientific

SampleMax

ASC-VIS, ASC-UV

ELEMENTAL ANALYSIS
FLUORESCENCE
GRATINGS & OEM SPECTROMETERS
OPTICAL COMPONENTS
FORENSICS
PARTICLE CHARACTERIZATION
RAMAN
SPECTROSCOPIC ELLIPSOMETRY
SPR IMAGING

Lens-based sample compartment



The SampleMax lens-based sample compartment from HORIBA Scientific is an ideal sample compartment for a variety of applications. Designed for use with HORIBA light sources and monochromators, it can be configured with a variety of accessories, including a cuvette holder, solid sample holder, and powder sample holder. The samples are positioned at the center of the sample compartment, allowing for either an I or T-shaped configuration. This sample compartment is ideal for fluorescence, absorbance/transmittance, photoluminescence, reflectance, and other spectroscopic applications.

The standard SampleMax sample compartment is available with glass lenses (ASC-VIS) for spectroscopy experiments in the visible and quartz lenses (ASC-UV) for use in the UV to IR spectral region. It is configured with two sets of rails for excitation and collection and a cuvette holder. An optional third optical axis may be added with an extra set of rails. Other optional accessories include a solid/powder sample holder, an x-z translation stage, and a rotating turret.



Features and Benefits

- Two different excitation channels (I-Format and T-format)
- Optional glass, quartz, and zinc selenide lenses available for work over a wide spectral range
- External turret wheel allows for easy movement of the sample holder into the appropriate position for measurements
- External micrometer slit for coupling to a detector
- Optional filter holders (fixed and tiltable) for excitation and detection channels
- Variety of sample holders for solutions, solids, thin films, and powders

Accessories

Various accessories are available for sample manipulation and coupling fibers, detectors, light sources, and monochromators to the SampleMax

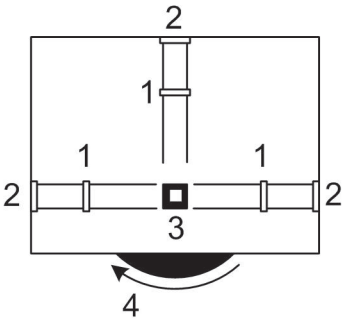
- Solid-sample holder, ASC-SSOL
- External turret wheel, ASC-STUR
- Rail mount assembly, ASC-ORAIL
- X-Z stage with micrometer control, ASC-SXZ
- Quartz cuvette, J1920
- Stoppered quartz cuvette, J1925
- Cuvette holder, J350590
- External variable slit, ASC-1679
- Filter holder for 1” filters, 100FLT
- Tiltable filter holder for 1” filters, J1496
- X-Y adjustable SMA fiber-optic holder, ASC-FIBKIT

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Specifications

Part Number	ASC-UV	ASC-VIS
Size	9.5” (w) x 7” (d) x 6” (h)	
Optical configurations	I and T formats	
Sample holders	Solids, liquids, thin films, and powders	

Mechanical Diagram



1. Lenses (Glass, Quartz, ZnSe)
2. Filter holders for 1" round filters
3. Sample holder (cuvette holder shown)
4. Rotating turret

OPTICAL BUILDING BLOCKS

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