

Sample Compartment

ASC-VIS, ASC-UV

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

Mirror-based sample compartment

The mirror-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 L or T-shaped configuration. This sample compartment is ideal for fluorescence, absorbance/transmittance, photoluminescence, reflectance, and other spectroscopic applications.

The standard mirror-based sample compartment is configured with mirrors for spectroscopy experiments across a wide spectral range in a right angle configuration. A front-facing option is also available for collection of signal at 22.5°. Other optional accessories include a solid sample holder, polarizers, and TCSPC components.



Features and Benefits

- Two different emission channels available (S and T)
- Mirror coupling provides wide spectral coverage
- Optional front-facing configuration allows for collection of signal at 22.5° in addition to right angle (90°)
- Filter holders for excitation and detection channels
- Variety of sample holders for solutions, solids, thin films, and powders
- Optional sample injection port

Accessories

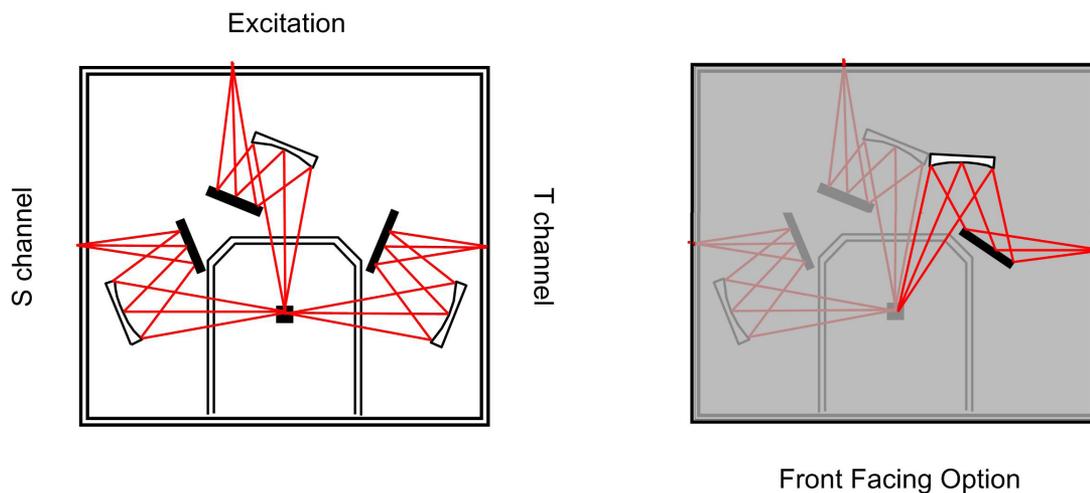
Various accessories are available for sample manipulation and coupling fibers, detectors, light sources, and monochromators to the mirror-based sample compartment.

- Solid-sample holder, J1933
- Front-facing option, FL-1001
- Filter holder for 2" x 2" filters, FL-1010
- Insert to adapt 2" filter holder for 1" diameter filters, J354719
- Liquid nitrogen dewar assembly, FL-1013
- HPLC flow cell, J1955
- Micro Cell and adapter, F-3011 and F-3012
- Quartz cuvette, J1925
- Sample cell, J1920
- Injection port, FL-1015
- Adapter for mounting TCSPC sources, FL-1074

Specifications

Part Number	ASC-RSC-01
Size	15.5" (w) x 13.6" (d) x 7.5" (h)
Optical configurations	L and T formats, right angle and front facing on T channel
Sample holders	Solids, liquids, thin films, and powders

Mechanical Diagram



OPTICAL BUILDING BLOCKS



HORIBA
Scientific

info.sci@horiba.com www.horiba.com/opticalbuildingblocks

USA: +1 732 494 8660
UK: +44 (0)20 8204 8142
China: +86 (0)21 6289 6060

France: +33 (0)1 69 74 72 00
Italy: +39 2 5760 3050
Brazil: +55 (0)11 5545 1500

Germany: +49 (0)89 4623 17-0
Japan: +81 (0)3 6206 4721
Other: +1 732 494 8660