



SAMPLE HOLDER STAGE (SH200A) For reflectance and transmittance measurement

Sample holder stage with focusing lens and optional transmittance accessory or reflectance probe adapter has a 200x200mm sample area. Rack and pinion mechanism allows fine adjustment of the lens position. Stage supports reflectance measurement (from the top as on the picture), face down measurement configuration and a combination of reflectance/ transmittance measurement. Solid, anodized aluminum construction for good repeatability and stability of the measurement.

Focusing mechanism is critical for accurate reflectance measurement because calibration sample thickness is frequently different from the thickness of measured sample. The distance from the lens to calibration sample should be exactly the same as the distance from lens to a measured sample. Focusing mechanism allows height adjustment with <math><50 \mu\text{m}</math> sensitivity to ensure accurate calibration and measurement for variety of sample types.



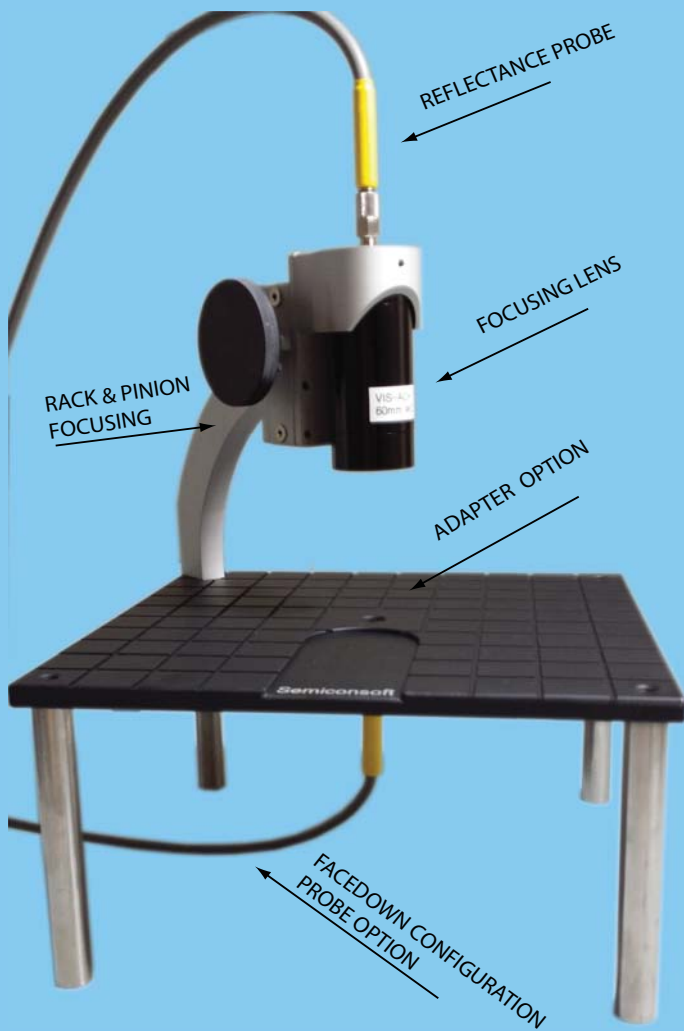
SH200 SAMPLE STAGE (Reflectance configuration)

Sample area	200mm x 200mm (8"x 8")	Air relieve channels help easy placing and removing of samples
Lens	Two standard lens are available - quartz UVVis lens (QUV) WD 35mm - Achromatic Vis lens (AVIS) WD 65 mm	One standard lens is included (QUV or AVIS). Measurement spot size <math>< 500\mu\text{m}</math>
Focusing mechanism	Fine rack and pinion with locking mechanism. 35mm movement range.	<math><50\mu\text{m}</math> sensitivity 360 deg knob rotation corresponds to a 5 mm movement
- FD measurement option	Adapter and a fixture for face-down (inverse configuration) measurement	used for measurement foils, polymer films and other thin/flexible samples
-TR option	Transmittance option. Includes 2 quartz collimators, transmittance accessory, fiberoptics cable and a set of four stainless steel legs	Can be combined with reflectance measurement (require a -RT MProbe system). Otherwise, manual change between reflectance and transmittance configurations can be used
-CAM	2MP camera with imaging lens, holding fixture and software	Imaging and reviewing/documenting measurement locations on samples

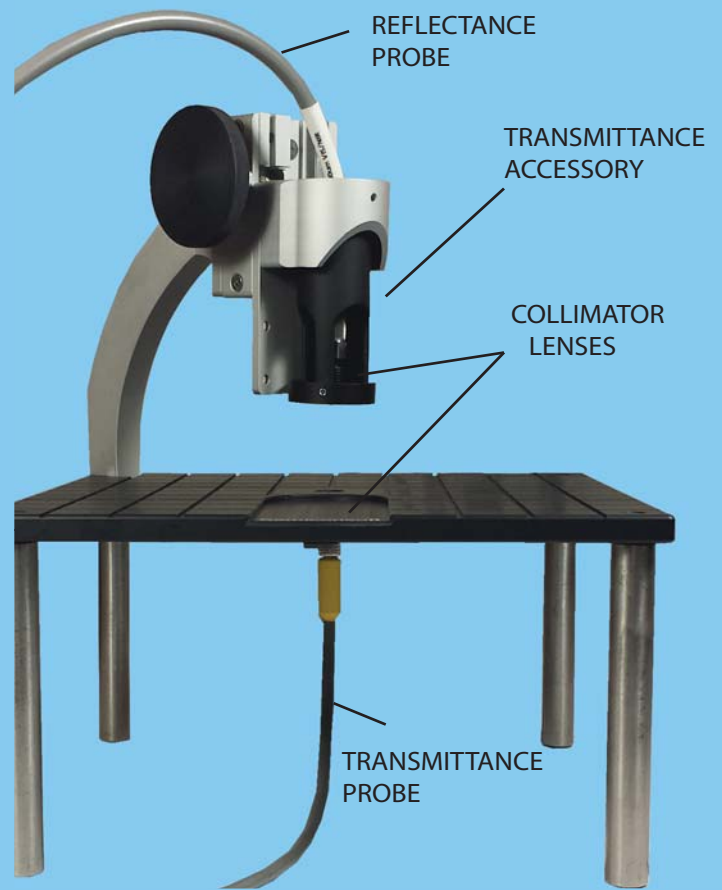
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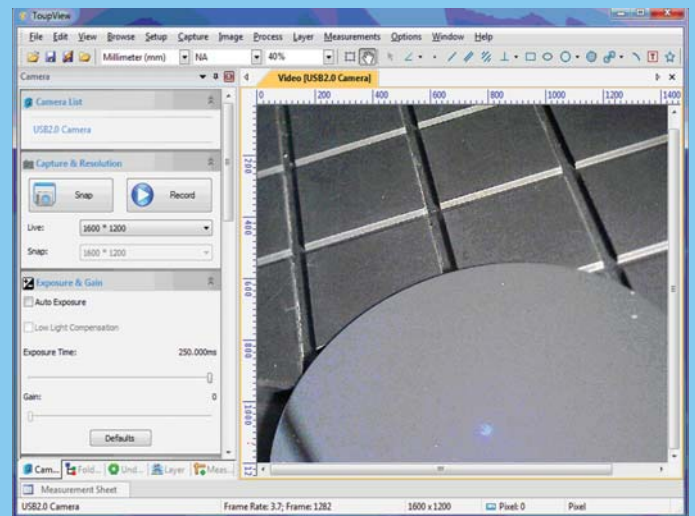
Facedown adapter option



Transmittance option



CAM option- accessory



CAM option-software