## **SH200A**



#### SAMPLE HOLDER STAGE For reflectance and transmittance measurement

Sample holder stage with focusing lens and optional transmittance accessort 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), transmittance 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 an accurate reflectance measurement because the calibration sample thickness is, frequently, different from the thickness of the 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 <50  $\mu$ m 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 remov- ing of samples
Lens	Two standard lenses are available - quartz UVVis lens (QUV) WD 35mm - Achromatic Vis lens (AVIS) WD 65 mm	One standard lens is included (QUV or AVIS) with the stage. Measurement spot size < 1 mm
Focusing mechanism	Fine rack and pinion mechanism, 35mm movement range.	<50µm sensitivity 360 deg knob rotation corresponds to ~ 5 mm vertical movement
- TO option	Transmittance option. Includes 2 quartz collimators, transmittance accessory, fiberoptics cable and a set of fours stain- less steel legs	TO used for transmittance measurement. Manual reconfiguration is required for switching be- tween reflectance and transmittance configuration
-TR option	TR option. includes Integrating sphere, fiberoptics cable and a set of four stain- less steel legs	Both reflectance and transmittance measurement can be done without manual reconfiguration of the stage. Simultaneous relectance/transmittance measurement is supported using MProbe RT system
-CAM	2MP camera with imaging lens, holding fixture and software	Imaging and reviewing/documenting measurement locations on samples

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## Camera (-CAM) option

#### Transmittance (-TO) option



# CAM option-software integrated with TFCompanion

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