



BREWSTER'S ANGLE SAMPLE HOLDER

Our Brewster's Angle Sample Holder allows thin films to be measured at various angles using transmission spectroscopy. Such measurements can be used to extract film thickness and refractive index data from the resulting interference fringes present under most conditions. It also allows minimization of these fringes since the sample can be positioned at Brewster's angle, where p-polarization light is transmitted through a surface with minimal reflection.

APPLICATIONS

- ▶ Eliminates interference fringes which often obscure weak absorption bands when used with a polarizer.
- ▶ Handy for determining film thickness and refractive index from transmission measurements.

FEATURES

- ▶ Mounts films at Brewster's angle or any other angle desired in FT-IR or UV-Vis spectrometers.
- ▶ A dial to accurately set and read the incident angle.
- ▶ Optional mounts available for UV-Vis spectrometers.
- ▶ Compatible with Harrick Scientific's high efficiency Wire Grid Polarizer and Glan Taylor Polarizer.



INCLUDES

- ▶ Brewster's Angle Sample Holder.
- ▶ One sample support.
- ▶ Slide plate mounting.

ORDERING INFORMATION

Brewster's Angle Sample Holder CATALOG No. BXH-S1G

OPTIONS AND REPLACEMENT PARTS

Glan Taylor Polarizer PGT-S1V
Wire Grid Polarizer (KRS-5 Substrate) PWG-U1R