



Inverted 30° Specular Reflectance



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Specular reflectance 30° fixed angle permits precise repeatable surface measurements. The 30° specular reflection accessory takes on a new dimension in an inverted orientation and is used with disposable glass sample cards coated with low emission coating (Low E sample cards). Cards are inexpensive and disposable. The coating is almost totally reflective. This accessory is great for polymer films, glue, epoxy, paint and varnish which might contaminate a liquid cell. Accessory slides into 2" x 3" mount of every spectrometer.

Ordering Information Inverted 30° Specular Reflectance

Ordering-No.	Type
IC-187473	Inverted 30° specular reflectance
IC-187474	Low E cards, 25 pcs.

Monolayer/Grazing Angle Specular Reflectance



Monolayer/Grazing Angle Specular Reflectance

The monolayer/grazing angle accessory allows reflectance measurements to be made on a variety of samples over a wide range of angles of incidence. Solid samples can be placed on the flat stage or liquid samples can be poured into the Teflon monolayer trough. This has a moveable liquid surface tensioning boom to allow the study of orientated monomolecular films on a liquid surface.

Product Highlights

- Grazing angle capability
- Monolayer analysis
- Continuously variable incidence angles from 8° - 85° (dependant on spectrometer)
- Volume of trough 8.9 mm
- Sample size 50 x 20 mm
- Built-in polarizer mount
- Aperture stop facility for controlling the sampled area
- Liquid film compression/expansion capability

Ordering Information Monolayer/Grazing Angle Accessory 8° - 85°

When ordering please specify spectrometer make and model

Ordering-No.	Type
319650	Monolayer/grazing angle accessory 8° - 85°, incl. flat horizontal sample holder, Teflon sample trough, aperture stops, reference mirror and polarizer mount

Ordering Information Spares and Consumables

Ordering-No.	Type
319662	Teflon sample trough
319663	Aperture stops and holder