

Sampling Accessories

For Superior Signal-to-Noise

Near-infrared technology has long been a trusted tool for analytical chemistry and Analytical Spectral Devices, Inc. (ASD) offers a level of performance previously unattainable. With the QualitySpec® Pro or LabSpec® Pro (350 – 2500 nm) and ASD's various sampling accessories, the company has created an ideal combination of tools for the evaluation of powders, granules, grains, minerals, liquids, and much more. These accessories provide superior signal-to-noise that can discriminate even the most subtle spectral features and flexibility not offered by other NIR instruments.

Muglite

The Muglite is designed for Reflectance or Absorbance measurements using glass sampling vials, or an ASD sample tray. The Muglite utilizes an internal Tungsten Quartz Halogen light source, views a 12mm spot size, and its innovative optical design minimizes measurement errors associated with stray light and specular reflected components.

High Intensity Contact Probe

The Contact Probe has the same features and advantages of the Muglite, only in a hand held format with a 10mm spot size. The HICP is ideal for doing film or coating analysis, and can even measure samples through plastic bags!

Sample Turntable

The Sample Turntable accessory is ideal when your application requires analysis of irregular shaped or non-homogeneous samples. It is ideal for obtaining a highly accurate average of the traditionally awkward or non-uniform surfaces.

Multi-Purpose/Cuvette Fixture

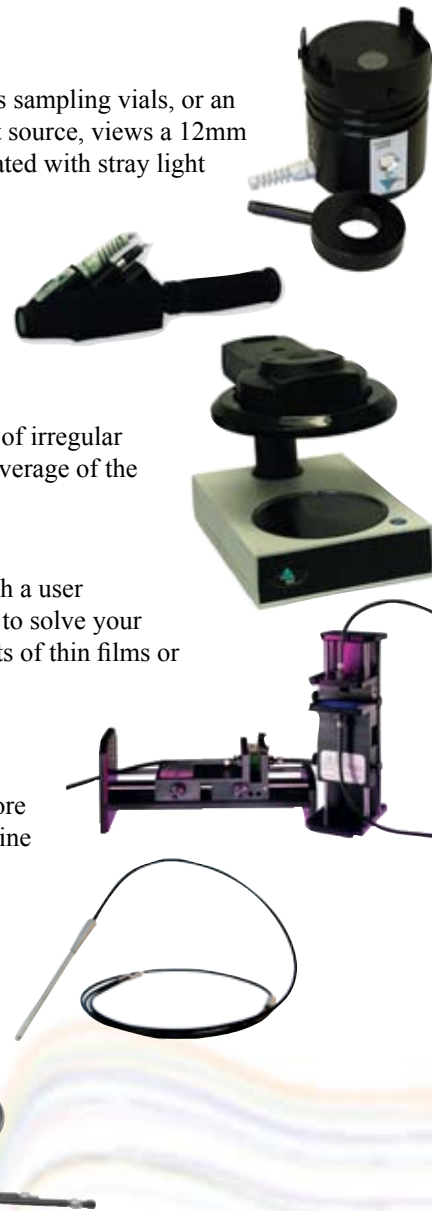
The Multi-Purpose Fixture is a must have for any liquid analysis application. With a user changeable path-length setting from 0.5mm to 50mm, this accessory will be sure to solve your application needs. Stand the Fixture on its end, and do transmission measurements of thin films or small volume liquids with the use of a microscope slide and cover slip.

Transmittance (Dip) Probes

ASD offers a variety of transmittance probes available with a choice of stainless steel, quartz, or Torlon® finishes as well as various path lengths (1-10 mm) to more effectively meet application requirements. Transmittance probes are ideal for in-line measurements for process control applications of liquids.

Bifurcated Fiber Optic Probe

A small diameter bifurcated fiber optic probe ideal for contact and non-contact reflectance measurements for small spot area analysis and small volume samples. Optional accessories include the Stand-off reflectance accessory (maintains 4mm spot analysis at a non-contact or distant measurement).



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