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so your equipment works exactly as you specify.

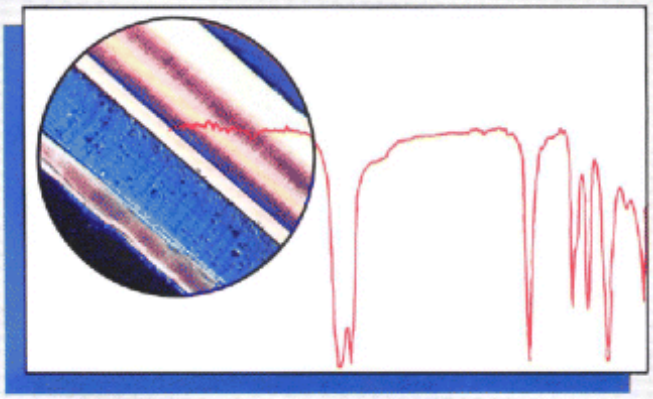
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Expert team | Trust guarantee | 100% satisfaction

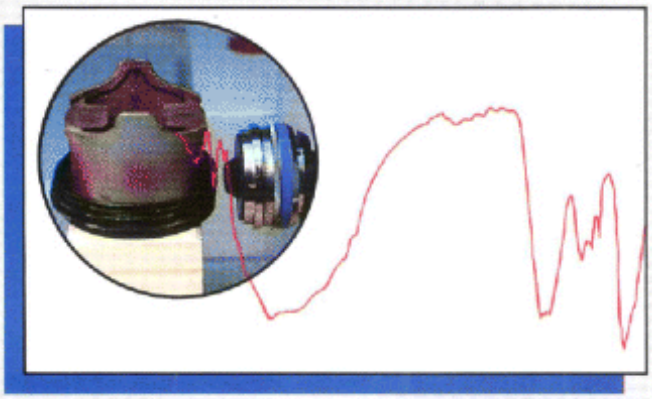
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Find the *Spectra-Tech Reflachromat* at our website: ***Click HERE***

How to help your FT-IR turn microsampling problems into great results.



Individual layer in a polymer laminate: *transmission spectrum through a cross section of a 10 µm layer. With Redundant Aperturing®, the spectrum is free from contributions due to adjacent laminate layers. This allows accurate, quantitative identification of the layer as ethylene vinylacetate.*



Spectrum from oversize sample: *spectrum of a lubricant microresidue on an engine piston. Spectrum acquired in reflectance mode using the side mount objective lens.*

Install a Spectra-Tech IR-PLAN® microscope on your spectrometer. And with that one step, you will have the most versatile, accurate microsampling problem solver available.

Many applications; one solution!

Microsampling problems come in all shapes and sizes and *only* the IR-PLAN can help you address all of them. For example, to study polymorphic behavior in crystals, you can employ a variable temperature sample stage. The analysis of trace contaminants is aided by a wide assortment of viewing accessories including optics for phase contrast microscopy. And for oversize samples that are not easily sectioned, the IR-PLAN permits convenient analyses through its exclusive side port objective lens.

Why only the IR-PLAN will do!

The reasons for choosing the IR-PLAN go beyond versatility to data accuracy. An IR-PLAN spectrum of a 10µm x 10µm polymer section is virtually identical to a bulk sample spectrum of the same material, ensuring clear identification or quantitation of samples. This "photometric accuracy" results from our use of Redundant Aperturing®. We aperture the IR beam *before* it enters the sample, so only the section of sample you wish to analyze is illuminated. Then, we aperture the image after the beam has passed through the sample. This combination minimizes stray light, the major cause of error in FT-IR microscopy, assuring the accuracy you demand in your spectra.

The Spectra-Tech commitment to you.

Buying the IR-PLAN means you get more than just a great product. Our applications staff includes leaders in FT-IR microscopy, who are prepared to help you solve your microsampling problems. And our technical support and service teams are dedicated to helping you get the most from every Spectra-Tech product.

For more information...

To discover how the IR-PLAN can help you solve microsampling problems, call us at **1-800-243-9186** (In CT., call 1-357-7055), or write to us at one of the addresses below.



SPECTRA-TECH ...*Sample the Advantage*

In U.S.: Spectra-Tech Inc.
652 Glenbrook Road
Stamford, CT. 06906
Phone: **1-800-243-9186**
(In CT., (203)357-7055)

In Europe: Spectra-Tech Europe Ltd.
Genesis Centre
Birchwood, Warrington
WA3 7BH England
Phone: (0925)830250

In Japan: Sanyo Shuppan Boeki
P.O. Box 5037
Tokyo International
100-31 Japan
Phone: (03)(669)3761

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See us at the FACSS Meeting in Boston, Oct. 30–Nov. 4, Booths #413, 415. CIRCLE 152 ON READER SERVICE CARD

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