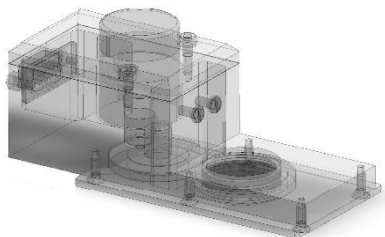


The art of innovation



High performance automated polarizer covering the near, mid, and far IR spectral regions.

MicrOptik automated polarizers provide necessary specifications plus they are fully computer controlled, making many previously labor-intensive applications feasible. With the automated polarizer an analysis program can be set up through software to automatically collect all spectra.

Features

- Available for mid-IR, NIR and far-IR applications
- Easy to use
- Convenient, slide-mount design for all FTIR spectrometers

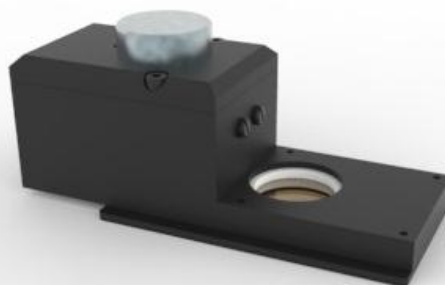
Type of polarizing element

(choose based upon spectral range and performance requirements)

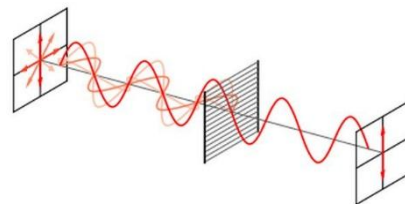
- ZnSe
- KRS-5
- Ge
- BaF₂
- CaF₂

Automated IR Polarizer for Molecular Spectroscopy

MicrOptik offers polarizer for a wide variety of spectroscopy applications which are available in automated version. The polarizer are mounted in a standard 2" x 3" slide mount and are compatible with all FTIR spectrometers. Polarizer elements are 25 mm in diameter and, with mount, have a 20 mm clear aperture.



Polarizer control the plane polarization of the light beam in a spectrophotometer. The unpolarized light emitted by the spectrophotometer's lamp is partially polarized by the instrument optics when it reaches the sample. The alignment, age, selected spectral bandwidth, and the photomultiplier used will all affect the Polarizing characteristics of a spectrophotometer.



Controlling Stepper motor for Automated IR Polarizer



Specification:

- AC input voltage: 230 VAC
- Line frequency: 50 HZ
- Power consumption: 100 WATTS MAX

More information!

Ask our sales representatives for more information.

info@microptik.eu