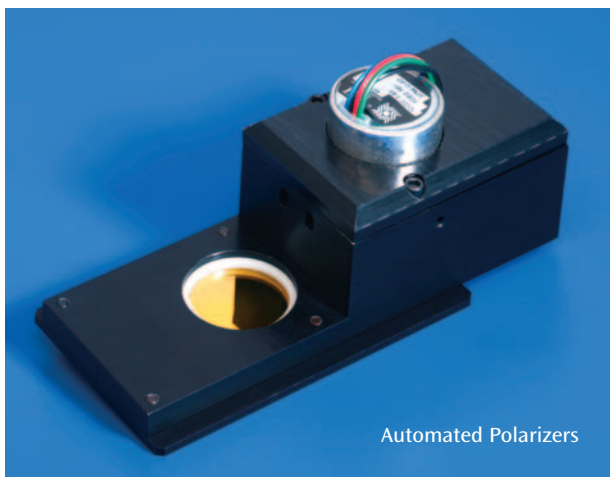
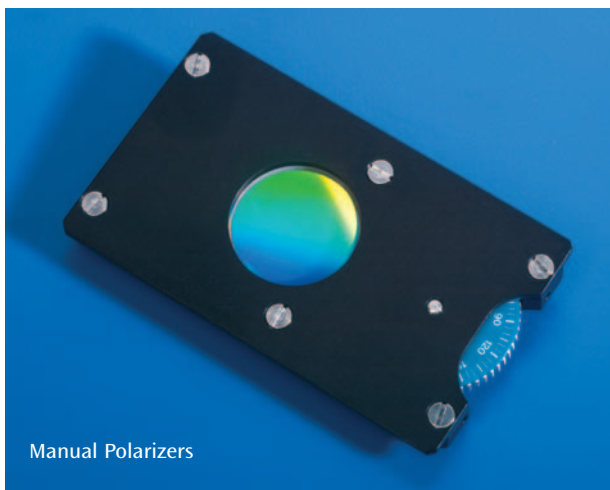


Polarizers – Manual and Automated Versions for Molecular Spectroscopy



Automated Polarizers



Manual Polarizers

FEATURES OF POLARIZERS

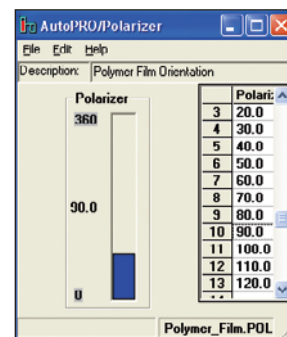
- Convenient, slide-mount design for all FTIR spectrometers
- Also compatible with many PIKE Technologies accessories
- Available in manual and automated versions
- Available for mid-IR, NIR and far-IR applications

PIKE Technologies offers polarizers for a wide variety of spectroscopy applications and are available in manual or automated versions. The polarizers 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.

The polarizers are also compatible with many PIKE Technologies accessories including the 80Spec, VeeMAX, and AGA specular reflectance accessories. If you would like to add mounting to any of our accessories, please contact us.

PIKE Technologies automated polarizers provide specifications identical to our manual versions, 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 AutoPRO software and automatically collect all spectra. An additional benefit of the automated polarizer is the reproducibility of the setting with accuracy increasing from +/- 2 degrees in the manual version to +/- 0.5 degrees in the automated version.



ORDERING INFORMATION

Automated Polarizers

(select based upon spectral range and performance requirements)

PART NUMBER DESCRIPTION

090-2000	Automated Polarizer, ZnSe
090-2200	Automated Polarizer, KRS-5
090-2500	Automated Polarizer, Ge
090-2400	Automated Polarizer, BaF ₂
090-2600	Automated Polarizer, Polyethylene
090-2700	Automated Polarizer, Polyester
090-2300	Automated Polarizer, CaF ₂

Notes: All automated polarizers are mounted into a 2" x 3" plate for mounting into the FTIR spectrometer slide sample holder or the appropriate sampling accessory. The automated polarizers include the PIKE Technologies Motion Control Unit and AutoPRO software for fully automated operation.

Manual Polarizers

(select based upon spectral range and performance requirements)

PART NUMBER DESCRIPTION

090-1000	Manual Polarizer, ZnSe
090-1200	Manual Polarizer, KRS-5
090-1500	Manual Polarizer, Ge
090-1400	Manual Polarizer, BaF ₂
090-1600	Manual Polarizer, Polyethylene
090-1700	Manual Polarizer, Polyester
090-1300	Manual Polarizer, CaF ₂

Notes: All manual polarizers are mounted into a 2" x 3" plate for mounting into the FTIR spectrometer slide sample holder or the appropriate sampling accessory.