inside the PerkinElmer LAMBDA 950/850/650 Series
the highest performing UV/Vis/NIR and UV/Vis available

**Detailed Features**
- **Double Grating Monochromators** for ultra-low stray light performance.
- **Double Holographic Grating Monochromators** for ultralow stray light performance.
- **Common Beam Mask** allows precise adjustment of beam height to match samples of different dimensions.
- **Common Beam Depolarizer** corrects for inherent instrument polarization to allow accurate measurements of birefringent samples (optional).
- **COMMON BEAM MASK** Allows precise adjustment of beam height to match samples of different dimensions.
- **COMMON BEAM DEPOLARIZER** Corrects for inherent instrument polarization to allow accurate measurements of birefringent samples (optional).
- **CHOPPER** Switches between sample and reference beams. Four segment design provides individual control for background subtraction, improving measurement accuracy.
- **Sample and Reference Beam Attenuators** for extremely sensitive and accurate measurements on highly absorbing samples (LAMBDA 950/850 only).
- **Largest Sample Compartment in the Industry** Allows easy access to a wide variety of sampling accessories and sample types.
- **High-Reflectivity Photomultiplier and Peltier-Controlled PbS Detectors** provides full range UV/Vis/NIR coverage from 175 to 3,300 nm (LAMBDA 950 only).
- **Deuterium and Tungsten Halogen Light Sources** prealigned and prefocused for quick replacement and maximum uptime.
- **Common Beam Mask** allows precise adjustment of beam height to match samples of different dimensions.
- **Common Beam Depolarizer** corrects for inherent instrument polarization to allow accurate measurements of birefringent samples (optional).
- **Sample and Reference Beam Attenuators** for extremely sensitive and accurate measurements on highly absorbing samples (LAMBDA 950/850 only).

**Exclusive Features**
- Another PerkinElmer exclusive
- All three of the LAMBDA Series instruments feature unmatched polarization measurement capabilities to match your analytical needs.
  - Common beam depolarizer corrects for instrument bias.
  - Automated polarizer/depolarizer drive in the large sample compartment provides further depolarization or allows study of oriented samples with polarized light.
  - Compatibility with transmission and reflectance measurements.