

spectral range.

The wavelength setting is controlled by the computer through the IEEE 488 interface allowing measurement of ellipsometric spectra over all or part of the wavelength range.

Single Wavelength measurements, or measurements versus time or as a function of other system parameters is possible.

Single wavelength $\tan(\Psi)/\cos(\Delta)$ measurement can be accomplished in less than 0.3 seconds with 0,001 precision on $\tan(\Psi)$ and $\cos(\Delta)$. The system allows measurement averaging when increased precision is required. Low light energy levels at the spectrum extremes or with low reflectivity samples are automatically balanced through automatic software routine as well as the detector linearity and the residual polarization corrections.