

AutoEL - II



The AutoEL II is designed to be an affordable, high performance ellipsometer, providing an easy-to-use approach for accurately measuring a wide variety of films. The system's keyboard addresses an internal microprocessor that automates system operation and quickly reports delta and psi on a front panel display. These quantities can be reduced to the physical quantities of thickness and refractive index when using the optional data reduction software, which can run on a PC that can be interfaced directly via the standard RS232 serial pan.

For Rudolph refurbished equipment:
info@entrepix.com

For Rudolph spare parts and upgrades:
parts@entrepix.com

For Rudolph equipment service or maintenance:
service@entrepix.com

Or Call:
602-426-8677 (Sales)

Preventative Maintenance Program

Overview

- Baseline evaluation to determine configuration and software revision
- Remove and disassemble both the analyzer and polarizer gear boxes
- Inspect and replace (as needed) all gears, shafts, bearing and optical components
- Inspect main lamp socket or laser
- Reinstall both gear boxes and perform full optics alignment (70 and 90 degrees)
- Replace 40X lamp and modify circuit if required
- Replace autocollimator lamp
- Inspect and adjust 6-channel power supply
- Adjust op amp section to factory recommended settings
- Verify printer operation and repair as needed
- System to system matching (if applicable)
- Calibrate all wavelengths to a traceable standard