

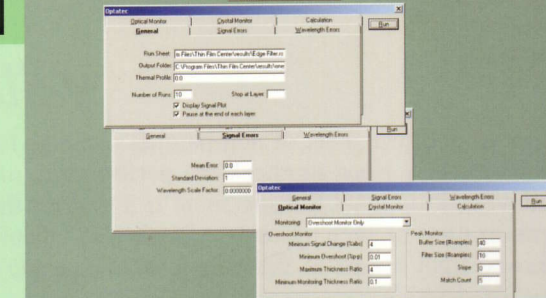
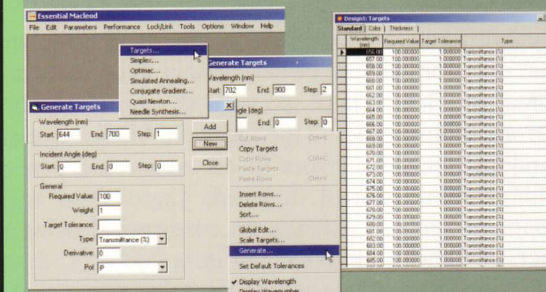
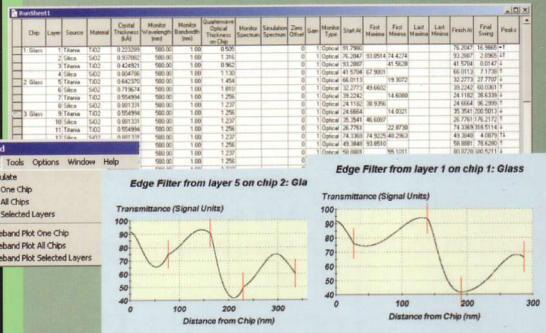
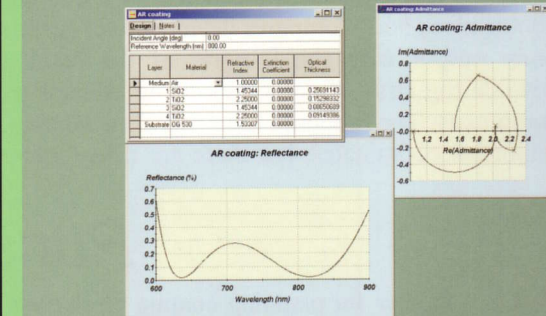
The Essential Macleod

Comprehensive Thin Film Design and Analysis Software

The Essential Macleod provides the complete set of computing tools for optical coatings. Its Core Module calculates the full range of properties from ultrafast to color, refines or synthesizes designs from scratch, investigates errors, extracts optical constants from spectral data and maintains extensive databases of material properties.

It provides special tools for aiding in design, analysis and understanding of coatings. Coatings and substrates can be assembled into stacks for further performance calculations and even refinement or synthesis. Temperature changes can be simulated, material packing density defined and adjusted, and void materials can be changed. Then for more specialized activities such as production planning and simulation, prism system design and analysis, and data manipulation, many optional Enhancements are available.

In spite of the power and range of possibilities the Essential Macleod is particularly easy to use. The standard Windows interface has all the features expected; easy, intuitive editing, importing, exporting, plot dragging and more. Any consistent set of units and formats may be used and readily changed. Electron volts or gigahertz or wavenumbers for frequency, and ångströms or nanometres or microns for wavelength are all possible.



Simulator
Function
RunSheet
Vstack
DWDM
Assistant
Monitorlink

Software Features

- Intuitive Windows interface
- Powerful import/ export tools
- Comprehensive performance calculations
- Ultrafast parameters
- Color
- Design generators
- Tools for understanding and analysis
- Refinement (including index)
- Synthesis
- Packing density and void density
- Temperature model
- n and k extraction
- Stacks of coated substrates
- Cone and bandwidth

- User-defined units
- Adaptive plotting
- Full support service
- HTML and hardcover manuals
- Wide range of optional Enhancements
- Export to ZEMAX and LinkSim

