



Software Spectra, Inc.

Site Info

- [Contents](#)
- [Index](#)
- [Contact Us](#)
- [Distributors](#)
- [What's New](#)

Other Info

- [Demo version](#)
- [TFCalc Support](#)
- [New Design of the Week](#)
- [Examples](#)
- [Literature](#)
- [Conferences](#)

Software for the Design and Manufacture of Optical Thin Film Coatings

Easy to Use * Extremely Affordable
Call or Email Today for a Free Demo Package!

1-800-832-2524 * info@sspectra.com

Only Software Spectra offers you the industry's leading software for designing and manufacturing optical thin film coatings that won't require you to take a class or hire an expert to use. It's simple, it's easy, and with our product TFCalc™, you can design coatings for lenses, computer monitors, eyeglasses, window panes, light bulbs, hot and cold mirrors, x-rays mirrors all for an affordable price.

More information about TFCalc:

- Can maintain the symmetry of a design while it's being optimized.
- Helps the designer locate the designs that minimize the merit function.
- Utilizes needle optimization, a powerful tool in designing multilayer coatings.
- Allows for needle/tunneling, so the designer has more designs from which to choose when it comes to manufacturing.
- Computes EFI (electrical field intensity) to calculate performance of thin film coatings.
- Utilizes Monte Carlo method to generate random designs...and then displays results!
- Can compute the sensitivity of each coating layer of a design.
- Can simulate the output of an optical monitor, used in the

manufacturing thin film coatings.

- Determines the refractive index of a thin layer coating using variable materials and fitting a dispersion formula.
- All computations are done with 10-byte extended-precision numbers, which offer about four additional digits. This is important for designs having many layers.
- TFCalc is used in over [50 countries](#).

Contact Software Spectra to:

- Join our e-mail mailing list
- Request literature about TFCalc
- Request a demo package

Telephone: 1-800-832-2524 Fax: 503-690-8159



This website uses wind-generated electricity.

Copyright © 1995-2018 Software Spectra, Inc.