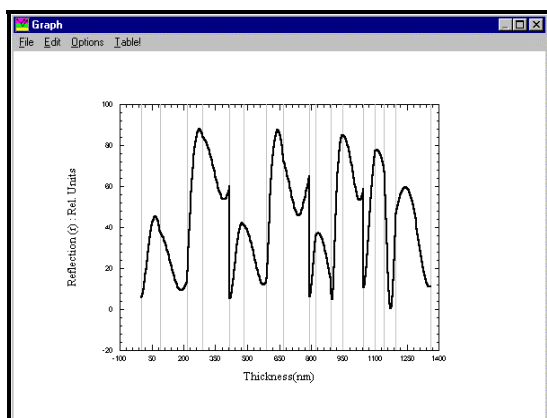


Materials Options

FilmMonitor™ incorporates a large library of NK files for the more widely used materials that the user can edit and expand. Material types can also be defined by one of the following equation/models: Sellmeier, Cauchy, Cauchy Exponential, Drude, Lorentz Oscillator, or Drude+Lorentz Oscillator.

Material Input Form

Optical Monitor RunSheet



Customizable Monitor Chart

Layer #	Thick.	Material	Chip #	Start	End	Units	Wv.	Geo. Cos.
1	89.94	H	1	5.873	37.702	Absolute	632.28	1.000
2	125.79	L	1	37.702	13.984	Absolute	632.28	1.000
3	72.91	H	1	13.984	84.516	Absolute	632.28	1.000
4	128.62	L	1	84.516	59.934	Absolute	632.28	1.000

Layer #	Thick.	Material	Chip #	Start	End	Units	Wv.	Geo. Cos.
1	64.62	H	2	5.514	41.23	Absolute	546.1	1.000
2	107.8	L	2	41.23	13.877	Absolute	546.1	1.000
3	79.66	H	2	13.877	72.269	Absolute	546.1	1.000
4	121.99	L	2	72.269	64.676	Absolute	546.1	1.000

Customizable Runsheet

FilmMonitor™ gives the user a great deal of flexibility in generating optical monitor runsheets. The user may customize a runsheet by inserting text and pictures, formatting fonts, and selecting the fields that will appear in the runsheet. Also, runsheets may be saved as templates for subsequent runsheets. The user has the option to quickly

generate graphs of expected output versus deposition time or thickness of the stack/chip. FilmMonitor™ graphs are fully customizable. A few of the options include: line style and color, font size and color, linear/log scale, and subscripts and superscripts in legends and graph titles. The graphs may also be copied as metafiles or bitmaps to the clipboard.

System Requirements

MS Windows 3.1, 3.11, 95 or NT. Minimum hardware needed: 386-based PC, 8 MB RAM, Math coprocessor, VGA card and mouse, 10 MB of hard disk space. Faster 486 or Pentium systems are however, recommended.



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