

FILM★STAR - when coating is your business

Business? You need software that does more than design coatings. That's why our *FilmStar Development System* modules support [marketing](#), manufacturing, and quality assurance. From sales materials through QA documents, FilmStar helps you automate and reduce costs.

FilmStar BASIC

- **VBA** compatible system with integrated editor; free and included in all FilmStar programs.
- **KISS**: Assign code to buttons and menus. Technicians need to know nothing about BASIC, only which button to push. It's really that easy!
- *What to do next* prompts reduce QA training costs in **MEASURE**. Chinese, Spanish, Thai? No problem!
- Automates hardware like [temperature stages](#), barcode readers and [PLCs](#). [Supports Excel](#) as client/server. Ensures compatibility with other coating software.

FSPlot Graphing Module

- Professional-quality graphs for QA reports, marketing brochures, web pages, and [PowerPoints](#).
- Plot capabilities include multiple axes, [diabatic scale](#) (Schott), computed legends, even your company logo.
- Annotations display filter properties, AR performance, pass/fail zones, etc.

Report Generator

- Automated reports containing custom text and FSPlot graphics. Includes print preview and PDF save.
- **MS Word** interface for documents with very complex formatting (e.g. English and български).

FilmStar Workbook

- Built-in Excel-compatible workbook supports tolerancing and optimization in **DESIGN**, QA in **MEASURE**.
- A hidden workbook automates pass/fail criteria in **MEASURE** without QA technicians realizing that the Workbook is utilized (KISS again).

FilmStar Database

- Get organized! Save tens of thousands of spectra in a single secure database. One file to back up! Our sample database is easily customized by non-experts.
- Select and recall measured spectra for interactive analysis and reverse-engineering in **DESIGN**.
- Export spectra to Excel. Combine with SPC software to separate random and systematic variations. Compare coating chambers and even technicians.

The *FilmStar Development System* is your key to higher productivity! [Visit our website](#) and [e-mail](#) or phone us at +1 609-924-6222 for a personal [online presentation](#).

The screenshot displays the FilmStar software interface with several windows open:

- FilmStar BASIC**: A code editor window showing BASIC code for plotting axes and handling errors.
- FSPlot Graphing Module**: A graph window titled "Calculated Annotations (Diabatic Scale)" showing % Transmittance vs. Wavelength (nm). The graph features a red curve with a peak at 12.62 nm and a vertical line at 1640.00 nm.
- Report Generator**: A window showing a preview of a report for "Antireflection Coating 450 - 750 nm".
- DESIGN Workbook - [QCBBAR.xls]**: An Excel spreadsheet with the following data:

	A	B	C	D	E	F
1	DataType	9				
2						
3	Wave (nm)	% Refl				
4	450.000	0.25203				
5	460.000	0.14567	Average		0.18	
6	470.000	0.13213	Maximum		0.32	
7	480.000	0.15340				
8	490.000	0.17867	Passed		TRUE	
- FileMaker Pro Advanced - [Spectra_12]**: A QA report window titled "Edergstone Optics Quality Control" showing a graph of % Reflectance vs. Wavelength (nm) and a table of coating parameters:

	x	y	z
1931 CIE Illum A	0.4643	0.3071	0.361
1931 CIE Illum D65	0.3137	0.1878	0.318
Date	Apr 30, 2012		