Excel with FILM★STAR

FilmStar programs are now Excel-compatible even when Excel is not installed. Click *Spectra...Save As* and select XLS or XLSX. It's that simple. No messing about with CSV import/export or error-prone copy and paste.

Unlike *Tower of Babel* formats DSP/ASC/CSV/USD/SPC/SP/SPA/PRN/DX, Excel is a *universal format* for transferring spectral data. You use Excel; so do 750M others including coating buyers who increasingly demand useable data, not just printed graphs and tables.

Agilent UMA and PE ARTA/TAMS attachments acquire multiple spectra. If you measure %R S+P pol at five angles, ten columns in one file is far easier to manage than ten files. Add a Pike autosampler and you could be dealing with hundreds of spectra (no problem).

MULTIPLE SPECTRA

- The Spectra Collector in DESIGN/MEASURE saves multi-sample multi-spectra data as Excel workbooks. Neither *WinUV* nor *UV Winlab* offer this. It's even in our DESIGN Free Version.
- A new built-in Excel viewer verifies file operations.
- New BASIC XL commands add special capabilities for angular dispersive devices and integration with Excel-compatible programs like MATLAB and Mathcad.

Effective handling of single and multiple spectra is only one reason to utilize Excel. FilmStar and Excel provide powerful and easy-to-use automation tools. FilmStar is client and server at the object level.

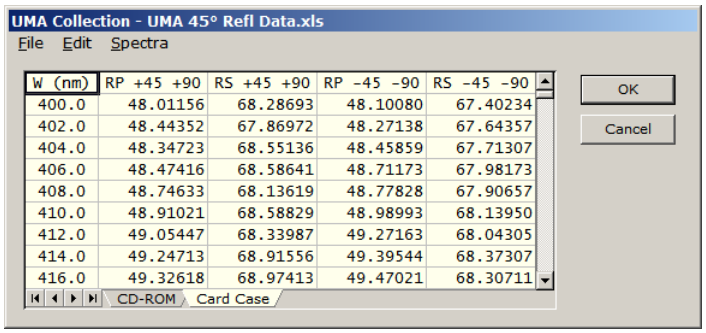
AUTOMATION

- FTG developed a turnkey solution for inspecting IR filter assemblies. The system, based on our PE FTIR Server, controls a stepper motor and prints labels. Each assembly is saved as an XLSX file with graphs, data and pass/fail. Labor cost reduced by 80%!
- FTG automated scanning vs. temperature for Lambda 1050 when PE realized that customer's requirements went far beyond UV Winlab's capabilities.
- Design tasks can also be automated as in Excel Color Grids, wherein we show highpass angular variation and illustrate error effects in ophthalmic AR.

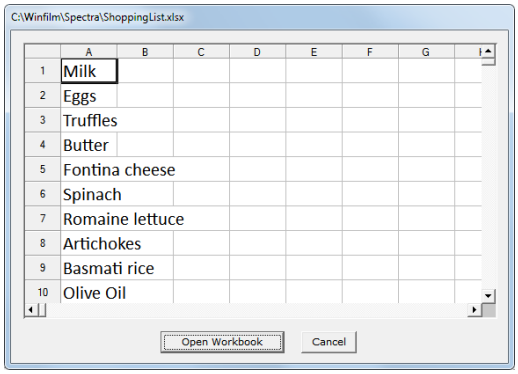
ADD-INS

- With its many users, there's no end of Excel add-ins and compatible applications. Google *"SPC Excel"* and be astonished by the number of hits.

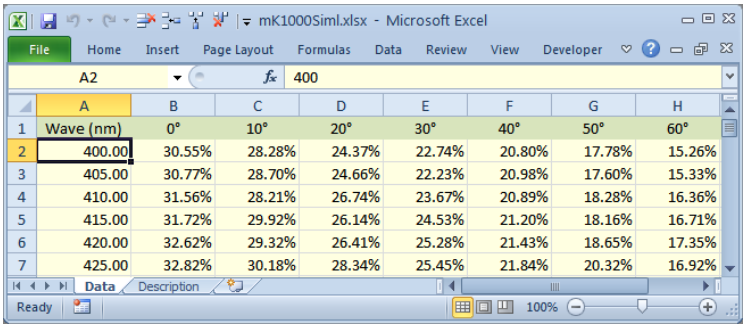
The more you're able to do with Excel, the more you'll contribute to your organization's success. E-mail your questions or, even better, call us at +1 609-924-6222 to arrange a convenient online demonstration.



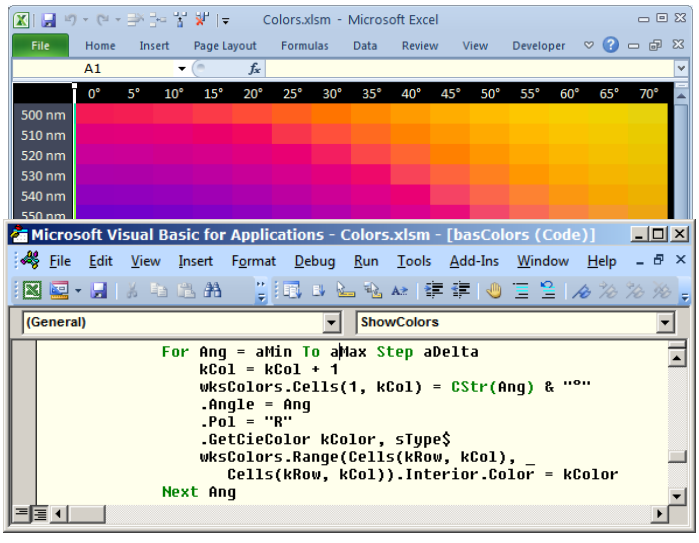
Spectra Collector (normalized UMA data)



Excel preview prevents obvious File...Open errors



Scanning vs. temperature



Object-level Excel VBA integration for advanced users