

Pro ezGC Methods Development Software*The most powerful GC optimization software has new features!*

FREE
Master Library
 contains over 3,000
 compounds!

Pro ezGC now includes the entire Master Set of Retention Index Libraries at no extra charge! These libraries contain more than 3000 compounds on the most commonly used stationary phases in ten different application areas including pesticides, PCBs, dioxins/furans, flavor & fragrance compounds, drugs of abuse, FAMES, semi-volatile pollutants, volatile pollutants, petroleum hydrocarbons, and solvents & chemicals. These libraries permit computer simulation without entering actual laboratory data.

- Simplify column selection.
- Optimize temperature and flow programs from a single analysis.
- Reduce analysis times and improve sample resolution.
- Model retention gap and guard column applications including Restek's Integra-Guard columns.
- Model columns in parallel or in series for process GC and multi-dimensional GC analyses.
- Software routines expanded for Fast GC, Windows 95, and Windows NT.
- Optimize dual-column run conditions.
- FREE Master Library Set!



Many analysts are following methods or using columns and run conditions they know could be optimized. But who has time to make the hundreds of injections necessary to optimize the temperatures, ramp rates, flow rates, pressures, and column parameters to get the perfect chromatogram? No one!

Let **Pro ezGC** for Windows do the work for you. **Pro ezGC** software is a powerful optimization software and retention index database for gas chromatography. This program accurately predicts GC separations on any capillary column and is useful for selecting the best column and conditions for your GC analysis. **Pro ezGC** software utilizes either your chromatographic retention data or you can use the extensive library containing thousands of commonly analyzed compounds. From this data, it is possible to automatically evaluate thousands of combinations of column dimensions, oven temperature program, and carrier gas pressure program to determine the best separation with the fastest analysis time. This saves days of method development time for new analyses and can decrease analyses times of existing analyses by more than 50%. Several new features incorporated into Version 2 make **Pro ezGC** for Windows even more powerful and easy to use.

Optimize separation and analysis time from a single GC run

In order to accurately simulate separations and analysis time, the software requires either selecting a compound from an existing library or entering retention times from a GC analysis. This new version of **Pro ezGC** for Windows can calculate the thermodynamic retention indices from a single chromatographic run. This analysis can be your current method, retention data from a scientific journal, or retention times from publications such as this catalog, making it possible to select a GC column for your analysis and estimate the separation quickly and easily.

Model GC separation including guard columns and capillary restrictors

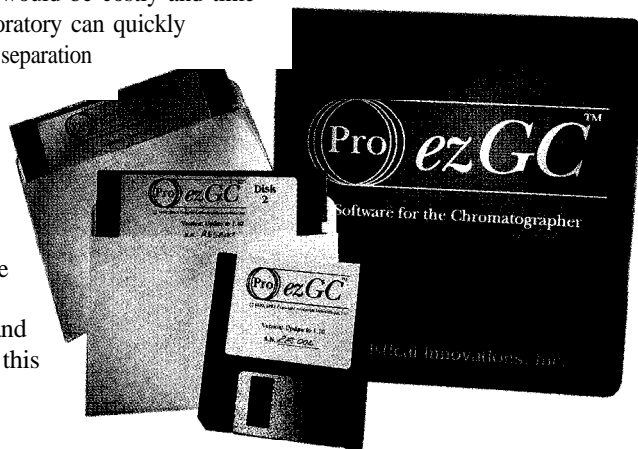
The analysis of contaminated samples often requires the use of a guard column to minimize contamination of the analytical column. Cool on-column injection often utilizes retention gaps to improve peak widths and to facilitate injection using standard gauge syringes. These "precolumns" can either be connected using a low-volume union or built-in as with Restek's Integra-Guard columns. In GUMS applications, a length of deactivated tubing is sometimes added to the end of the analytical column to either increase the GC inlet pressure or to decrease background bleed from the transfer line tube. **Pro ezGC** for Windows now permits accurate modeling when these types of columns are used, even when the diameters are not identical to the analytical column.

Predict the optimum column for dual columns connected in series or parallel

Many times, resolution of all components in a sample is not possible using a single column. This is where the power of **Pro ezGC** software becomes especially obvious because the program can either model two columns connected in parallel to two separate detectors or two columns connected in series. With series connections, the lengths of the two columns are often cut to give the best combination. This approach would be costly and time consuming without **Pro ezGC** software. Now, any laboratory can quickly evaluate whether serially coupled columns will give the separation without cutting up valuable capillary columns.

*Pro ezGC Method
Development Software*

Take the guesswork out of selecting the best column and conditions for your GC analysis with **Pro ezGC** for Windows. Increase the productivity of your existing gas chromatographs by improving separations and shortening analysis time with optimized temperature and carrier gas programs. **Pro ezGC** will save you time and money by greatly enhancing your productivity and increasing sample throughput. Take advantage of this powerful GC optimization tool today!



Pro ezGC™ for Windows ver. 2: cat.# 21487, ea.
Pro ezGC (DOS) to Pro ezGC for Windows ver. 2 Upgrade: cat.# 21486, ea.

Attention EPC users!

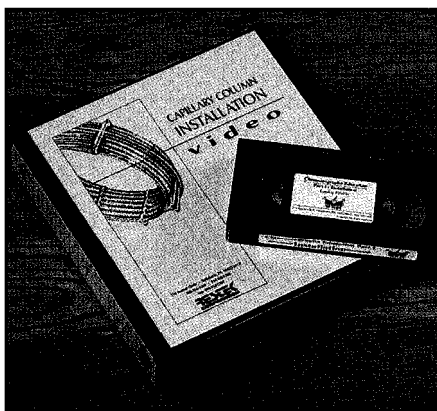
Learn how to best use EPC with Pro ezGC software. This software allows chromatogram optimization using constant flow, constant pressure, and pressure programming.

Capillary Column Installation Video

The technical wizards at Restek produced an instructional video that takes the mystery and frustration out of capillary column installation. This essential resource covers critical points in the proper installation of a capillary column such as:

- Choice of carrier gas
- Instrument preparation
- Trouble-free installation
- Leak checking
- Setting carrier and detector gas flows
- Column conditioning

The installation sequence allows you to install your capillary column correctly, minimize downtime, and get your GC up and running quickly. The video follows ASTM Method E1510-93 for installing fused silica open tubular capillary columns in gas chromatographs to ensure your lab conforms with industry standards.



**Ideal Training
Tool**

We guarantee this video will be the most useful instructional tool you'll ever use or we'll refund your money!

VHS: 20490, ea.
PAL: cat.# 20491, ea.