



GC Optimization Just Got "EZ"er!

- Prices slashed!
- Simplify column selection.
- Reduce analysis times and improve sample resolution.
- Optimize dual column run conditions.
- Master Library Set now included FREE!

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* for Windows makes GC optimization a breeze. By using a computer algorithm to predict thermodynamic retention indices for sample components, the software predicts the best combinations of column dimensions, temperature program, and flow conditions for your analysis. It can decrease your analysis time and help you obtain key separations for single column, dual column, and dual detector analyses. What could be easier?

Pro ezGC for Windows is now more affordable than ever. In addition to the lower price, Restek is now including 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 10 different application areas including: pesticides, PCBs, flavor &

fragrance compounds, drugs of abuse, FAMES, semi-volatile pollutants, volatile pollutants, and solvents & chemicals.

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!

Prices Reduced!

- *Pro ezGC* for Windows, Cat.# 21487
- Upgrade *Pro ezGC* version 1.5 (DOS) to *Pro ezGC* for Windows, Cat.# 21486
- *Pro ezGC* Ver.1.5 for DOS, Cat.# 21481



THE RESTEK

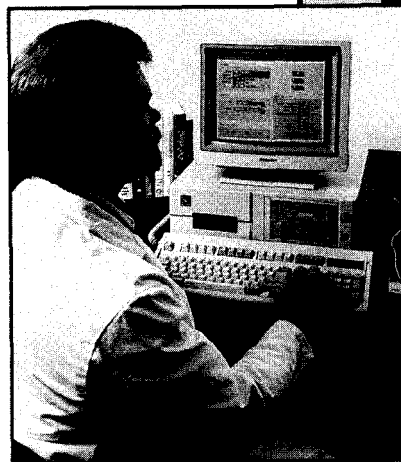
ADVANTAGE

Sneak Preview! ezGC Software *Simplifies GC Method Development*

- Saves time and money by reducing analysis times and improving sample resolution.
- Automatically determines optimum temperature program rates and column flow rates.
- Works with constant flow, constant pressure, or electronic pressure/ flow programming.
- Visually demonstrates changes in resolution when the column parameters and operating conditions are changed.
- Easy to use, mouse driven software with built in help menus.
- Takes the guesswork out of capillary column selection.
- Easy to install and works on all DOS operating systems with 512K of free RAM.
- Costs about the same as a 30-meter column.

Did you ever work with a chromatographer who seems to know how to pick the best temperature program and flow conditions? After years and years of experience they seem to inherently know which GC parameters work best. They have learned how parameters such as temperature, flow, and distribution coefficients affect a separation. Why wait years? Use ezGC and quickly become a master at capillary column selection and optimization.

Before ezGC™
*time consuming GC
method development
guesswork*



After ezGC™
*accurate predictions of
GC separations in
minutes*

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Even experienced chromatographers will benefit by using ezGC. Restek's applications department was hard at work trying to optimize the temperature program rate for the 60 compounds in EPA Method 502.2. They tried 4, 10, 12, and 16C/min., but there were so many compounds that new coelutions occurred at each temperature program ramp. The separations were so complex that they couldn't figure out whether faster or

slower program rates were better. After several frustrating days of working on the project, they tried ezGC. They entered the retention times into the ezGC program and let the software do the optimization. ezGC predicted 7.5C/min. as the optimum temperature program rate and printed a simulated chromatogram illustrating the expected separations. They were impressed but still not convinced. Actual chromatograms were then generated at 7 and 8C/min., but only 7.5C gave the best separation, just as the program predicted. Now our applications department is so convinced of the power of ezGC that they use it for all optimization work.

You can save time and money in your laboratory by using ezGC to optimize all your analyses. If you have a simple analysis with no coelutions, you can use the software to predict the fastest temperature program and flow conditions while