

Pro ezGC

Method Development Software Updates

Pro ezGC has become more powerful with new Version 2.0

- Increase your labs' competitive advantage!
- Optimize temperature and pressure programming parameters to decrease analysis times and increase sample throughput.
- Improve resolution to meet or exceed method protocols.
- Optimize column length, diameter and film thickness before purchasing the column.
- Import data from ASCII or AIA(AND1) formats to reduce data entry time.
- Calculate Kovats and Linear Temperature Program Indices, as well as Equivalent Chain Length (ECL) values, for qualitative analysis.

The addition of several new features allows simultaneous optimization of column length, internal diameter, and film thickness, as well as pressure programming. These features are added to the temperature program optimization features already in place. By using **Pro ezGC**, you can improve the resolution of your analysis, shorten analysis times, increase sample throughput, and save money.

Pro ezGC uses thermodynamic retention indices (TRIs) to calculate retention times and elution characteristics for a set of components on a given stationary phase. By entering a column dead time and two temperature programmed runs of experimental data, the user can calculate TRIs. TRIs are then used to predict the performance of these components when any of the column parameters (length, ID, film thickness, carrier gas, or flow control) are changed. By using component libraries and

TRIs generated by Restek, you can pick the best column and run conditions without ever installing a column. GC method development and analysis optimization couldn't be easier.



Version 1.5 now allows simultaneous optimization of temperature programs, column length, ID, film thickness and flow or pressure parameters. New component libraries include FAMEs, Pesticides, and PCBs. Call your local distributor to request a complete listing of all the component libraries.

Pro ezGC Software ver. 1.5
cat.# 21481

**Pro ezGC ver. 1.0 to
Pro ezGC ver. 1.5**
cat.# 21485

**ezGC ver. 1.0 or 1.5 to
Pro ezGC ver. 1.5:**
cat.# 21482

Three New Retention Index Libraries Available

Fatty Acid Methyl Ester (FAME) cat.# 21455

FAME thermodynamic retention index libraries are now available for 70 compounds on the Rtx-2330 and Stabilwax stationary phases. All straight chain saturates from methyl butanoate(C4:0) to methyl tetracosanoate(C24:0) are included, along with unsaturates ranging from monounsaturate methyl undecenoate (C11:1) to the polyunsaturate methyl docosahexanoate(C22:6).

Environmental - Pesticides/Herbicides (Part 1) cat.# 21456

A collection of 62 chlorinated pesticides from EPA methods 505,507,508,608.1, 608.2, 1618, and CLP Pesticides, as well as 19 derivatized phenoxy-acids found in EPA methods 515.1,8150B, and 615 are included in this library. Thermodynamic retention indices are provided on the Rtx-5, Rtx-35, and Rtx-1701 stationary phases.

Environmental - PCBs cat# 21454

A complete collection of retention indices for the 209 polychlorinated biphenyls (PCBs) on the Rtx-5 stationary phase are included in this library.

Other Retention Index Libraries Available:

Food and Flavor Volatiles (cat.# 21451)
Drugs & Pharmaceuticals (cat.# 21453)
Environmental - Volatiles (cat.# 21452)
Solvents & Chemicals - Part 1 (cat.# 21450)

Please call your local distributor for additional information.