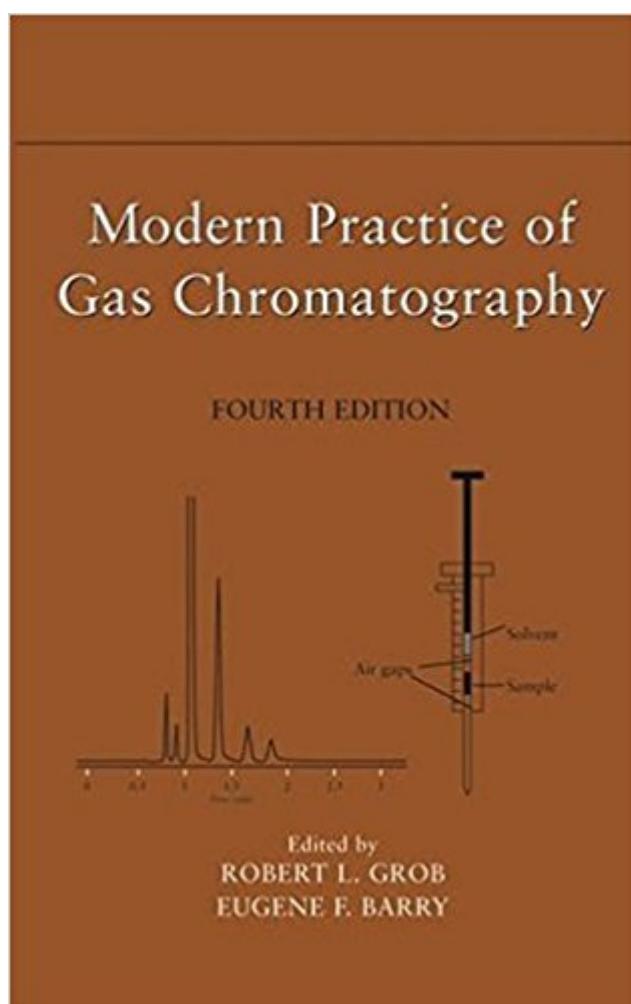


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# Modern Practice Of Gas Chromatography



## Synopsis

The bible of gas chromatography-offering everything the professional and the novice need to know about running, maintaining, and interpreting the results from GC Analytical chemists, technicians, and scientists in allied disciplines have come to regard Modern Practice of Gas Chromatography as the standard reference in gas chromatography. In addition to serving as an invaluable reference for the experienced practitioner, this bestselling work provides the beginner with a solid understanding of gas chromatographic theory and basic techniques. This new Fourth Edition incorporates the most recent developments in the field, including entirely new chapters on gas chromatography/mass spectrometry (GC/MS); optimization of separations and computer assistance; high speed or fast gas chromatography; mobile phase requirements: gas system requirements and sample preparation techniques; qualitative and quantitative analysis by GC; updated information on detectors; validation and QA/QC of chromatographic methods; and useful hints for good gas chromatography. As in previous editions, contributing authors have been chosen for their expertise and active participation in their respective areas. Modern Practice of Gas Chromatography, Fourth Edition presents a well-rounded and comprehensive overview of the current state of this important technology, providing a practical reference that will greatly appeal to both experienced chromatographers and novices.

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Ã¢â€Å“This new and largely illustrated edition represents an all-inclusive text that may be used for

university courses as well as short courses. (International Journal of Environmental Analytical Chemistry, August 2005) "In addition to being a very thorough instrumental work, this book also covers modern applications of GC in numerous disciplines." (CHOICE, January 2005) "For students and professors of GC, this edition is a must-have. It is comprehensive and contains many special topics, including all the current references needed to continue your study." (Analytical Chemistry, February 1, 2005) "This book will not only be helpful for novices in the field but will also serve as an invaluable reference tool for more experienced users." (E-STREAMS, December 2004) "It is a pleasure to review the fourth edition of what many regard as the 'Bible' of gas chromatography...a must-have book on the shelves of all laboratories doing gas chromatographic analyses." (Journal of Medicinal Chemistry, October 7, 2004) "A valuable reference on gas chromatography." (Journal of the American Chemical Society, Sept 15, 2004)

The bible of gas chromatography; offering everything the professional and the novice need to know about running, maintaining, and interpreting the results from GC. Analytical chemists, technicians, and scientists in allied disciplines have come to regard *Modern Practice of Gas Chromatography* as the standard reference in gas chromatography. In addition to serving as an invaluable reference for the experienced practitioner, this bestselling work provides the beginner with a solid understanding of gas chromatographic theory and basic techniques. This new Fourth Edition incorporates the most recent developments in the field, including entirely new chapters on gas chromatography/mass spectrometry (GC/MS); optimization of separations and computer assistance; high speed or fast gas chromatography; mobile phase requirements; gas system requirements and sample preparation techniques; qualitative and quantitative analysis by GC; updated information on detectors; validation and QA/QC of chromatographic methods; and useful hints for good gas chromatography. As in previous editions, contributing authors have been chosen for their expertise and active participation in their respective areas. *Modern Practice of Gas Chromatography*, Fourth Edition presents a well-rounded and comprehensive overview of the current state of this important technology, providing a practical reference that will greatly appeal to both experienced chromatographers and novices.

This book is an excellent reference source for all aspects of modern GC analysis. It covers topics in great depth but is still easy to read for less experienced chromatographers. The important parameters are covered in depth (column, optimization, inlet systems) providing enough information to solve most problems. The end of the book has several chapters on application specific

techniques such as pharmaceutical or petrochemical analysis. You will probably learn more from this book than you would taking a short course on the subject, and the cost is much less.

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