

Reference—Mass Spectrometry

Second Edition

The Mass Spec Survival Guide

The recent explosion of applications with mass spectrometry to solving problems in chemical and biochemical analysis requires scientists from all disciplines to become conversant in the language and symbolism of mass spectrometry. Failure to do so can result in confusion, misrepresentation, and significantly diminished communications—both written and oral. This **fully updated** desk reference is compiled to give newcomers and seasoned practitioners the information they need to successfully communicate ideas in mass spectrometry.

You will be able to:

- Communicate more effectively through written and oral presentations
- Select the appropriate terminologies for your specific applications
- Write improved papers
- Avoid archaic and misused terminologies
- Verify that you are using the correct terminologies
- Understand and utilize the appropriate formats and conventions
- Submit higher-quality proposals
- Gain a clearer perspective of mass spectrometry

You will have at your fingertips:

- A complete list of correct and incorrect terminology
- A comprehensive bibliography of mass spectral publications
- Important formulas and equations
- Where to find information on any topic in mass spectrometry
- A thorough overview of modern instrumentation and techniques
- How many ionization techniques and methods of ion separation work

This book has been listed as a source of appropriate terminology in the Instructions to Authors section of the *Journal of the American Society for Mass Spectrometry* since the book's publication in 2000.

"The *Mass Spec Desk Reference* is a great resource for every facet of our laboratory. It is a handbook, reference resource, and textbook; all in one. Its vapor pressure was so high that we had to buy everyone a copy."

—Dr. Steven Colby, *Patent Attorney*
San Jose, California



David Sparkman is a highly acclaimed instructor for a number of ACS short courses on mass spectrometry, including GC/MS, LC/MS, and interpretation. He has engaged in these activities for over thirty years; in the process, he has compiled this survival guide.



\$39.95

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Fully Updated

O. David Sparkman

