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| | Lingua di pubblicazione | Spagnolo |
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| | Livello bibliografico | Periodico |
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| | Autore | Waters Tony |
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| | Pubbl/distr/stampa | Newark : , : John Wiley & Sons, Incorporated, , 2025 ©2025 |
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| | Nota di contenuto | Cover -- Title Page -- Copyright Page -- Dedication Page -- Contents -- Contributors -- Preface to the first book -- Preface to the second book -- Acknowledgments -- Chapter 1 Fundamentals -- Introduction -- Gas chromatography -- A unique analytical |

technique -- A basic gas chromatograph -- The columns --
The detector -- The chromatogram -- The science of GC -- The
basic science -- The gas chromatograph -- The basic instrument
-- The process instrument -- The contents -- Becoming a PGC
expert -- Knowledge Gained -- Did You Get It? -- Self-
assessment quiz: SAQ 01 -- References -- Further reading --
Cited

Sommario/riassunto

Understand a key tool for optimizing an industrial process Process gas chromatography is a method used to separate and analyze chemical compounds in an industrial process. First established in the middle of the twentieth century, it aims to return analytical results rapidly enough that they can be used to optimized a fluid processing plant. It is a complex process which demands meticulous training of process gas chromatograph engineers and operators. Process Gas Chromatography: Advanced Design and Troubleshooting offers an essential companion volume to the author's earlier Process Gas Chromatographs: Fundamentals, Design and Implementation. It builds on the previous volume's foundation to offer a full understanding of how PGC technology can be optimized and applied to specific processes. Focused on advanced principles and practical methods, it's a must-own for process engineers at any professional stage. Process Gas Chromatography readers will also find:

- * Extensive troubleshooting assistance including many test sequences for diagnosing and correcting malfunctions
- * Coverage of the theory required to improve reliability and accuracy of PGC methods
- * A detailed summary and self-assessment questions accompanying each standalone chapter

Process Gas Chromatography is ideal for end-user process analyzer engineers, applications chemists, maintenance personnel, and troubleshooters working in the fluid processing industries.
