

Agilent 7000 Series Triple Quadrupole GC/MS System

Quick Start



Notices

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Manual Part Number

G7000-90042

Edition

First Edition, November 2011

Printed in USA

Agilent Technologies, Inc. 5301 Stevens Creek Boulevard Santa Clara, CA 95052

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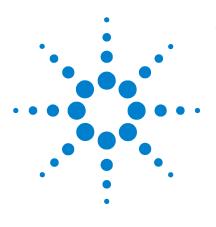
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Quick Start

About Your System 4 Concepts Guide 5 Familiarization Guides 6 Online Help With Software Demonstration Videos 7 Operation Manual 8 Troubleshooting and Maintenance Manual 9 Hydrogen Safety Manual 10

This book provides a brief summary of your system and each document written about it, and describes where to find the information.



About Your System





The Agilent 7000 Series Triple Quadrupole GC/MS

is a stand-alone triple quadrupole mass spectrometer for use with the Agilent 7890A Gas Chromatograph. The 7000 Series Triple Quadrupole features:

- One split flow turbomolecular vacuum pump
- Rotary vane foreline pump
- Independently MS heated electron-ionization ion source
- Two Independently MS heated hyperbolic quadrupole mass filters
- Single hexapole collision cell
- High-energy dynode (HED) electron multiplier detector
- Independently GC heated GC/MS interface

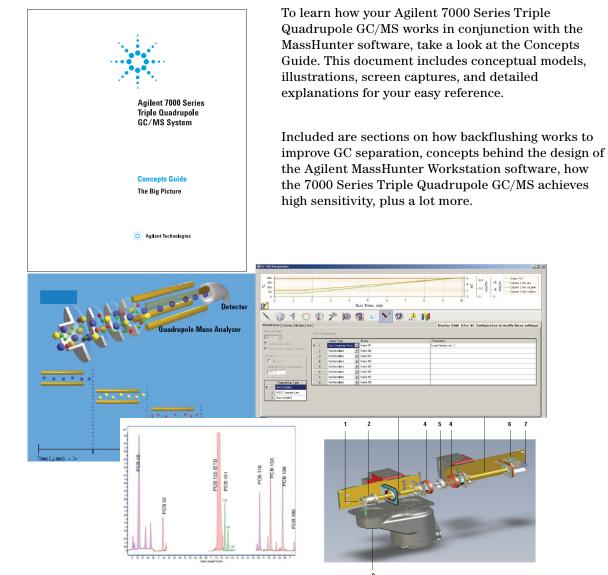
Read the Hydrogen Safety Manual, Concepts Guide, Operation Manual, and Troubleshooting and Maintenance Manual for information on your 7000 series instrument.

The **MassHunter GC/MS Acquisition software** features:

- Real-time plots which allow you to monitor the chromatograms and mass spectra as samples are analyzed
- A spreadsheet-like sequence table to make it easy for running multiple samples
- Easy-to-use controls for setting, monitoring, tuning the instrument, and creating acquisition methods

Read the Familiarization Guides, and Online Help, with extensive demonstration videos, for details on using your software.

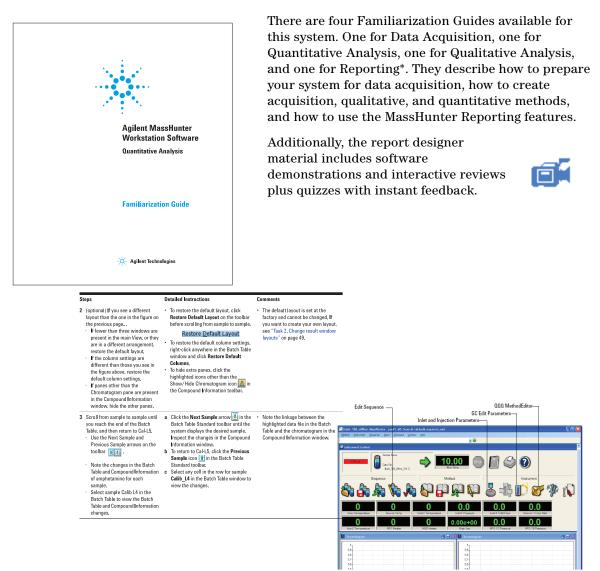
Concepts Guide



You can find this guide on the GC and GC/MS Hardware User Information & Utilities DVD.



Familiarization Guides



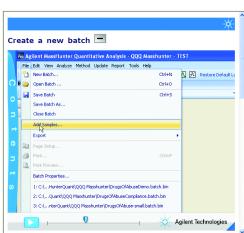
You can find the Familiarization Guides on the installation disk, in the **Manuals** folder. *You can find the Reporting Familiarization Guide on the **MassHunter Reporting User Information** DVD.



Online Help With Software Demonstration Videos



View demonstration videos
Read the Familiarization guide



Software demonstrations

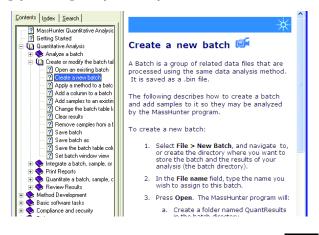
Your online help system includes software demonstration videos on topics ranging from beginner to advanced user operations.

The Getting Started videos are designed to give you the information you need to start using your system quickly and efficiently. The advanced videos explain some of MassHunter's more intricate, but perhaps less frequently used functions.

Any topic with the camera icon has a video linked to it. Watch these videos to see a demonstration of using the described feature in your MassHunter Data Analysis software.

Step-by-step instructions

Most Help topics are written as detailed step-by-step instructions with links to other relevant material. So, even when videos are not included, reading these will help you complete your daily tasks.



This information is included in online Help.

Press F1 to access content sensitive online Help, or select Help from the Help menu.



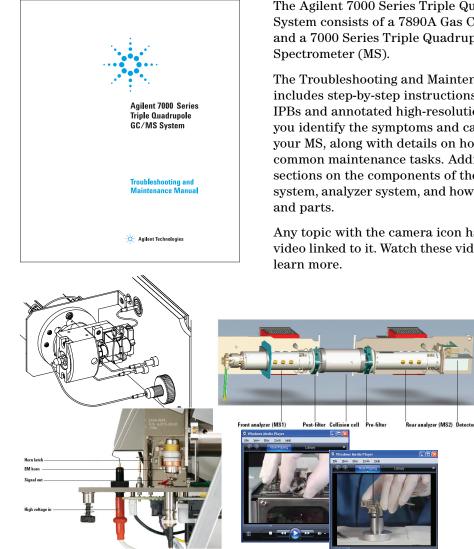
Operation Manual



You will find a **paper** copy of this manual included with your instrument, and an electronic copy on the **GC and GC/MS Hardware User Information & Utilities** DVD.



Troubleshooting and Maintenance Manual



The Agilent 7000 Series Triple Quadrupole GC/MS System consists of a 7890A Gas Chromatograph (GC) and a 7000 Series Triple Quadrupole Mass

The Troubleshooting and Maintenance Manual includes step-by-step instructions along with, videos, IPBs and annotated high-resolutions photos to help you identify the symptoms and causes of problems in your MS, along with details on how to complete common maintenance tasks. Additionally, there are sections on the components of the GC/MS vacuum system, analyzer system, and how to order electronics,

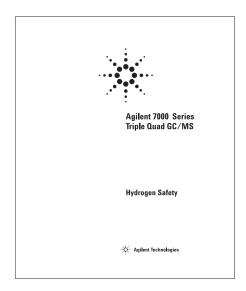
Any topic with the camera icon has a video linked to it. Watch these videos to





You can find this guide on the GC and GC/MS Hardware User Information & Utilities DVD

Hydrogen Safety Manual



Hydrogen presents a number of dangers. Some are general, others are unique to GC or GC/MS operation. Review this document for details on the use of Hydrogen with the GC/MS.

You will find a **paper** copy of this manual included with your instrument, and an electronic copy on the **GC and GC/MS Hardware User Information & Utilities DVD**.



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Printed in USA 11/11 First Edition, November 2011



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