

Agilent 7696A Sample Prep WorkBench

Quick Start Guide



Agilent Technologies

Notices

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Manual Part Number

G4529-90010

Edition

First edition, December 2010

Printed in USA

Agilent Technologies, Inc.
2850 Centerville Road
Wilmington, DE 19808-1610 USA

安捷伦科技（上海）有限公司
上海市浦东新区外高桥保税区
英伦路 412 号
联系电话：（800）820 3278

Warranty

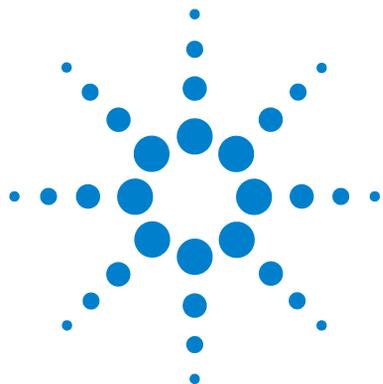
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Agilent 7696A Sample Prep WorkBench Quick Start Guide

Introduction	4
Where to Find Information	5
System Overview	8
The Agilent 7696A WorkBench Software	9
Getting Started with the WorkBench Software	11

Introduction

This document provides an overview of the Agilent 7696A Sample Prep WorkBench system.



Where to Find Information



In addition to this manual, Agilent provides several learning products that document how to install, operate, maintain, and troubleshoot the Agilent 7696A Sample Prep WorkBench system. This information can be found on the Agilent GC and GC/MS Hardware User Information & Utilities DVD that ships with your instrument.



The Agilent GC and GC/MS Hardware User Information & Utilities DVD provides an extensive collection of online help, videos, and books for current Agilent gas chromatographs, mass selective detectors, and samplers. Included are localized versions of the information you need most, such as:

- Getting Started documentation
- Site Preparation information
- Safety and Regulatory information
- Installation, Operation, Maintenance, and Troubleshooting information

Available 7696A User Documentation

The available manuals are listed in the order you will need them.

Site Preparation

Start here. The Site Preparation manual lists all of the parts and requirements needed to install and set up the Sample Prep WorkBench system.

Installation, Operation and Maintenance

The Installation, Operation and Maintenance manual provides safety and regulatory information, installation procedures, operation information, and a maintenance and troubleshooting chapter.

Safety and Regulatory Information Read the Safety and Regulatory Information chapter before using the Sample Prep WorkBench system, and whenever needed. The Safety and Regulatory Information chapter describes the important safety precautions to follow when installing and using the Sample Prep WorkBench system, as well as important regulatory information.

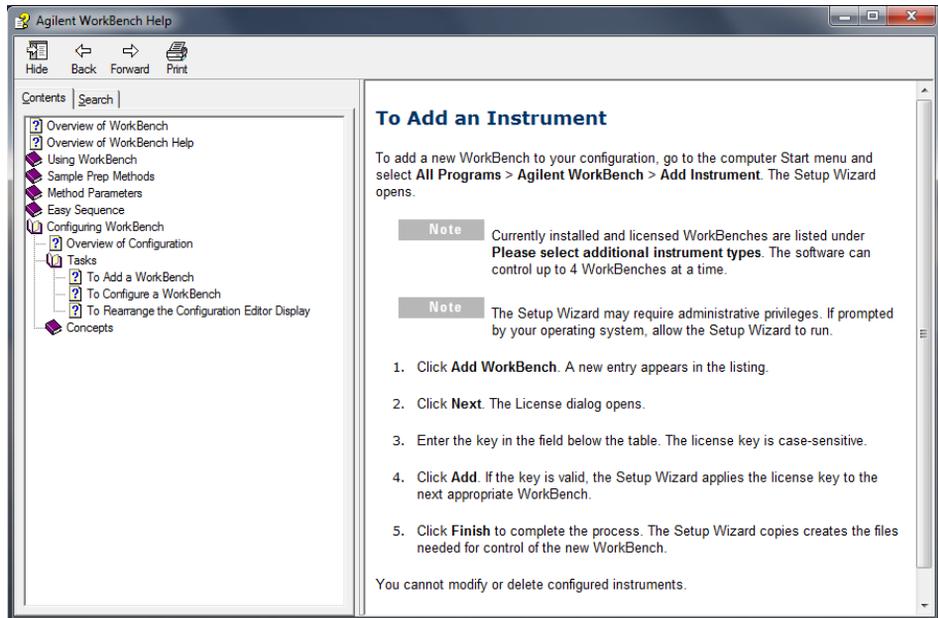
Installation The Installation chapter provides all of the steps required to successfully install the Sample Prep WorkBench hardware and software.

Operation The Operation chapter describes the typical hardware and software tasks needed to operate the Sample Prep WorkBench system on a daily basis. Use this chapter to familiarize yourself with the instrument and software, and to find part numbers for consumables such as vials, vial labels, caps, and so forth.

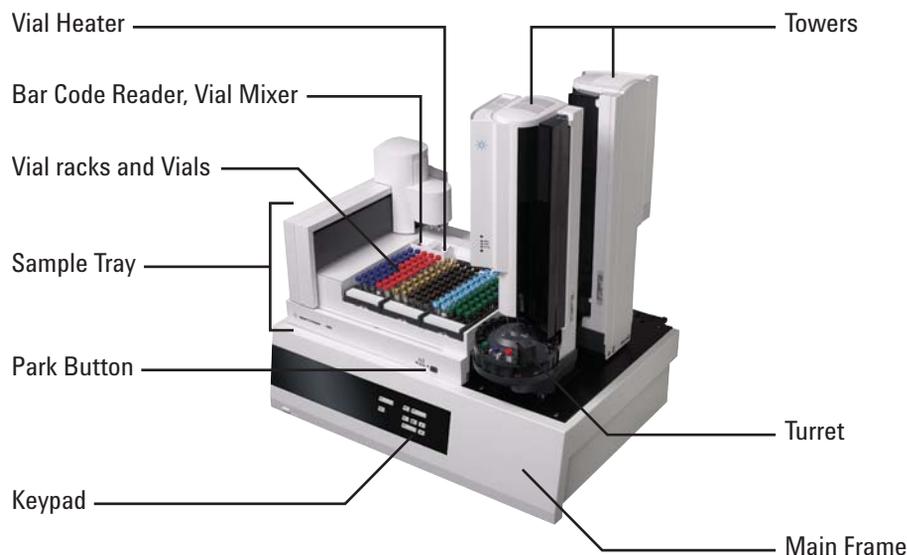
Maintenance and Troubleshooting When needed, refer to the Maintenance and Troubleshooting chapter for routine maintenance procedures, troubleshooting hints, and procedures to help improve performance or correct problems.

Online Help System

The Agilent 7696A WorkBench Software includes an extensive online help system with detailed information, common tasks, and video tutorials on how to use the software.



System Overview



The WorkBench system consists of the 7696A Sample Prep WorkBench hardware and the 7696A WorkBench control software. The system couples the hardware—two automatic liquid samplers, a mixer, a heater, a bar code reader, and a robotic tray—with the Agilent Easy SamplePrep and Easy Sequence software technology.

The hardware repeatedly and accurately performs physical sample preparation steps, such as dispensing, washing, mixing, heating, agitating, and so on. The software provides an easy-to-use interface for managing these sample prep method steps and preparing series of samples or standards.

In addition, the software also provides resource tracking. Before beginning preparation tasks, you can immediately know whether or not sufficient resources exist to properly complete the work. For example, the software will check whether you have enough empty sample vials or internal standard remaining, then prompt you to replenish these resources before you begin to process any samples.

The Agilent 7696A WorkBench Software

The Agilent 7696A WorkBench Software provides all the necessary tools to perform sample preparation. Use the WorkBench software and hardware to perform tasks such as:

- Sample Preparation
- Derivatizations
- Dilutions
- ISTD Additions

Refer to the WorkBench Software online help system for detailed information on how to perform these tasks.

Intended Workflow

The integrated hardware and software provides an easy-to-use and robust sample preparation system that provides repeatable results, logging, and resource tracking. Refer to the Intended Workflow Diagram (Figure 1) for an overview of the sample preparation process.

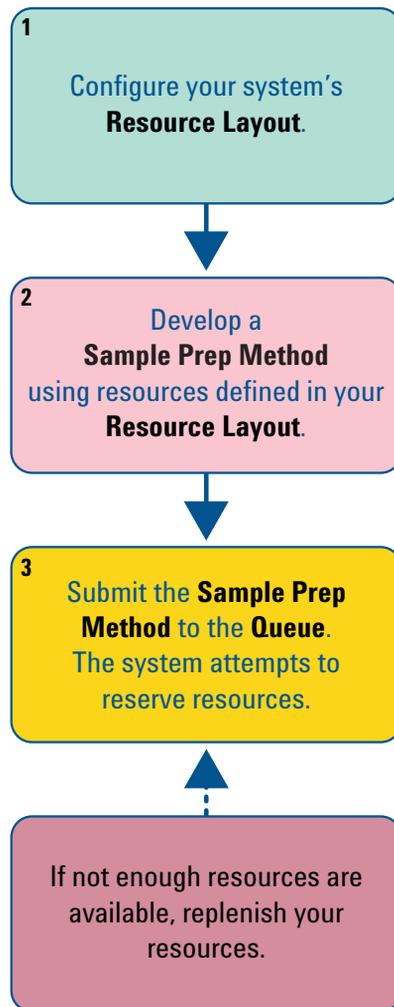


Figure 1 Intended Workflow Diagram

Getting Started with the WorkBench Software

To use the WorkBench Software:

- 1 Navigate to **Windows Start Menu > All Programs > Agilent WorkBench** and select your instrument from the menu list. The WorkBench Software opens (Figure 2).

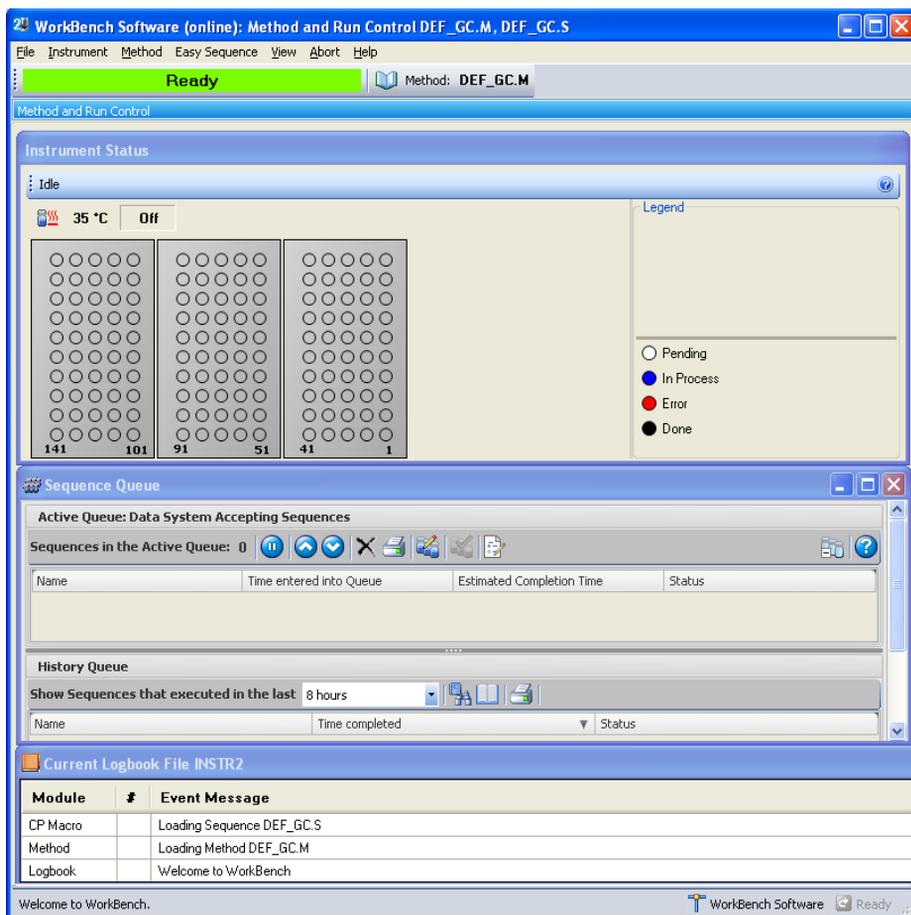


Figure 2 The Agilent 7696A WorkBench Software

- 2 Navigate to **Instrument > Resource Layout...** to configure your resource layout using the Sample Prep Resource Layout Editor (**Figure 3**).

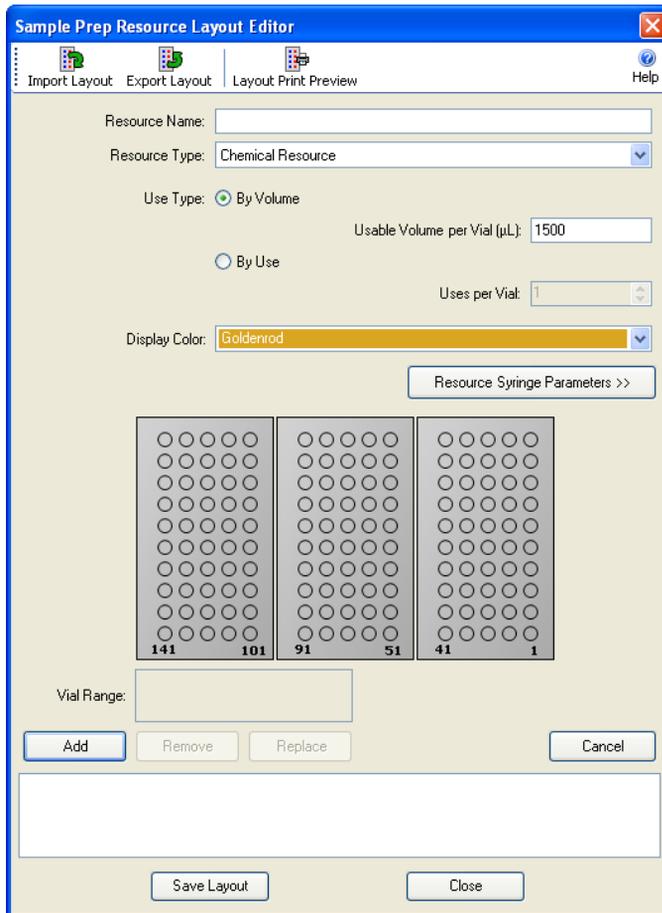


Figure 3 Sample Prep Resource Layout Editor

- 3 Navigate to **Method > Edit Agilent 7696A Parameters...** to create a sample preparation method using Setup Method (Figure 4).

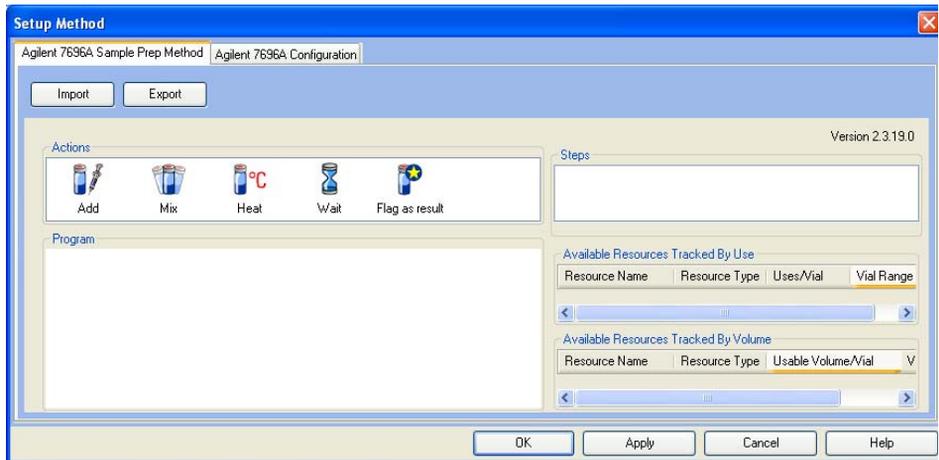


Figure 4 Setup Method

- 4 Navigate to **Easy Sequence > Edit/Execute Easy Sequence...** to define your samples and create a sequence using Easy Sequence (Figure 5).



Figure 5 Easy Sequence

- 5 Navigate to **View > Sequence Queue** to view sequences processing in the Sequence Queue (Figure 6).

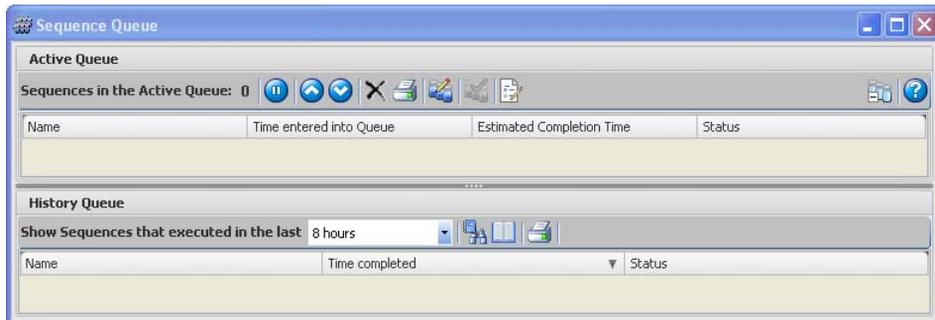


Figure 6 Sequence Queue

- 6 View the Instrument Status panel (Figure 7) to monitor the current status of your instrument.

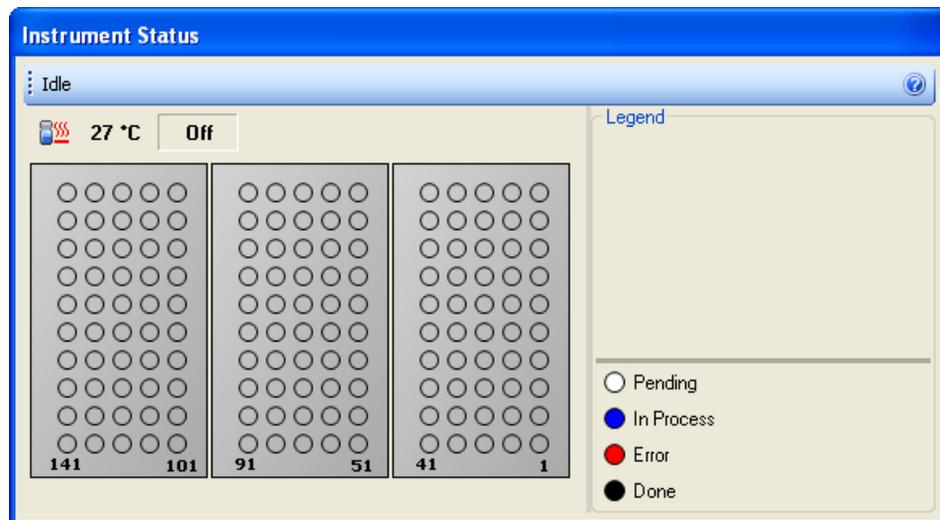


Figure 7 Instrument Status

Refer to the WorkBench Software online help system for more information.



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