

Introducing Easy SamplePrep

Automated Sample Prep Made Easy

for Agilent OpenLAB CDS ChemStation and MultiTechnique ChemStation

Agilent's new G7300AA Easy SamplePrep software lets you easily automate sample preparation steps (such as addition, extraction, heating, and mixing) to perform derivatizations, internal standard additions, serial dilutions, and similar tasks before running an analysis. Easy SamplePrep is an add-on software for Agilent OpenLAB CDS ChemStation and MultiTechnique ChemStation data systems controlling an Agilent 7890A or 6890 Series GC with a 7693A injector and tray.

Easy SamplePrep provides the following features:

• Easy to use interface

Drag and drop icons to quickly create a sample prep program.

Resource specification

Specify chemical resources to be used for dilution, derivatization, and so forth.

- Verification of sample prep resource usage
- Works with the Easy Sequence Queue to predict whether enough resources are available for a sequence to run to completion. Compares resource needs of all queued sequences against defined available resources.



Easy to use interface

- Drag and drop to create program steps.
- Add program steps with minimal data entry.

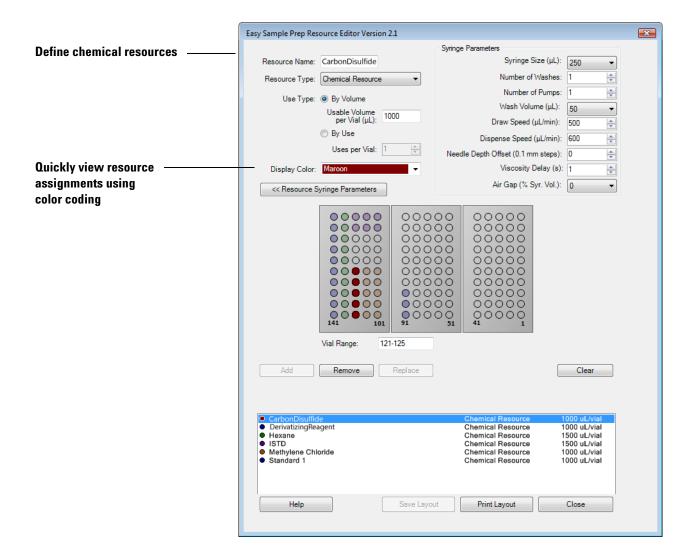
Drag and drop icons to create a sample prep program

View individual step details

Run for Unknown Samples only					
Actions Add Mix Heat Wait Select Program	Version 2.1 Steps 1. Add 450 uL of Sample (Front) to DerivatizedSample1 2. Add 150 uL of DerivatizedSample1 at 1000 RPM for 0 min 5 sec 3. Mix DerivatizedSample1 at 1000 RPM for 0 min 5 sec 4. Heat DerivatizedSample1 at 60 °C for 15 min 0 sec 5. Select DerivatizedSample1 as the GC Front Injector injection vial				
$ \begin{array}{c} \hline \\ Add \end{array} \longrightarrow \begin{array}{c} \hline \\ Add \end{array} \longrightarrow \begin{array}{c} \hline \\ Mix \end{array} \longrightarrow \begin{array}{c} \hline \\ Heat \end{array} \end{array} $	Name	Resource Type	Uses/Vial	Vial Range 81-90	•
Jeeu	Resources Tracked I Resource Name CarbonDisulfide DerivatizingReagent Hexane ISTD	Resource Type ChemicalRe	Usable Volume/Vial 1000 1000 1500	Vial Range 121-125 91-93 131-140 109-110	A E
	1310	Chemical Re		101-105	-

Resource specification

- Specify chemical resource vials for the sample prep program.
- Name resources.
- Select how to use each resource whether by number of uses or by volume available.
- Set default syringe parameters for each chemical resource.



Submit with Easy Sequence Queue

- Queue samples and know that enough chemical resources are available.
- Works with the Easy Sequence Queue only.

nstr	ument Control	Easy Sequence	Sequence Queue	Easy Sequence Setup								
A	ctive Queue:	Data System NO	T Accepting Seq	uences (The instrument	is not idle.)							
Sequences in the Active Queue: 1 🔟 🔕 😒 🗙 🛃 🔤												
Name Time entered		d into Queue	to Queue Estimated Completion Time		Status							
Θ	MySequence 3/18/2010 10:			0:01 AM	1 AM		Running					
[۹ Run Number ا		ation	Name	Method	Start Time		Status				
ľ	> 1	1 (f	ront)	MySample0001 (front)	MYMETHOD.M	3/18/2010	10:01:56 AM	Complete				
	2 2 (front		ront)	MySample0002 (front)	MYMETHOD.M	3/18/2010	10:04:53 AM	Complete				
	3	3 (f	ront)	MySample0003 (front)	MYMETHOD.M	3/18/2010	10:07:50 AM	Complete				
	4 4 (front)		ront)	MySample0004 (front)	MYMETHOD.M	3/18/2010	10:10:23 AM	Running				
5 5 (front)		ront)	MySample0005 (front)	MYMETHOD.M			Pending					
	6 (front)		ront)	MySample0006 (front)	MYMETHOD.M			Pending				
7 7 (front) 8 8 (front)		ront)	MySample0007 (front)	MYMETHOD.M			Pending					
		ront)	MySample0008 (front)	MYMETHOD.M			Pending					
	9	9 (f	ront)	MySample0009 (front)	MYMETHOD.M			Pending				
	10	10	(front)	MySample0010 (front)	MYMETHOD.M			Pending				

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