Agilent MassHunter Walkup Software

SIMPLIFIED LC/MS FOR EVERYONE

The Measure of Confidence
Agilent MassHunter Walkup software allows more users to access LC/MS instruments with ease. With Walkup software, even novice users can take full advantage of powerful LC/MS capabilities without assistance from expert staff.

Agilent MassHunter Walkup software allows users of different skill levels to perform their own automated LC and LC/MS analyses—all that’s required is to input some basic information, choose a method, and insert samples as directed. Results show up in the submitter’s inbox automatically.

The software also enables administrators to tailor user access to instrument parameters, significantly reducing the possibility of operational errors that can lead to costly instrument down time.

With Agilent MassHunter Walkup software, users are only three quick steps away from submitting their samples:

1. **Login**
   - Enter username and number samples to be run.

2. **Choose Method**
   - Enter sample information and select from a list of available methods.

3. **Place Sample**
   - Place sample in the position as directed by the software.

Now the software takes over, adding the sample to the queue, performing the analysis, and sending a report to the submitter. Submitters will automatically receive the results indicating whether the system has detected the compound of interest and, if so, an estimate of its purity. Reports can also be customized to provide additional information, such as the mass spectra of major impurities, if present.
Imagine how much more productive LC/MS experts could be without the burden of running large numbers of routine samples.

Agilent MassHunter Walkup software allows LC and MS experts to apply their skills to managing the instruments and enabling individual users to obtain the LC/MS information that they need. Walkup software gives experts the tools they need to easily:

- Add/remove/manage users
- Set queue priorities for maximum sample throughput or unbiased user access
- Ensure safe method switching by establishing equilibration time, changing mobile phase, etc.
- Assign sample naming and data storage protocols
- Schedule daily tasks such as system checks, wake up procedures, and cleaning
- Receive email/text notification of system problems and remotely take instruments offline if needed

Walkup software is the ideal solution for managing one instrument supporting a few users or multiple systems supporting hundreds of users, ensuring maximum productivity in any scenario.

With the addition of an Agilent OpenLAB Shared Services server, system administrators can access and manage instruments from anywhere. There is no need to be onsite to be aware of and respond to system errors or to take a system offline.

What’s more, administrators can add users and modify queue orders once, and the software will apply the changes to the whole instrument fleet.

Agilent MassHunter Walkup software brings unprecedented productivity to your lab no matter where you are.
SUPPORT VIRTUALLY ANY ANALYSIS THAT CAN BE AUTOMATED

Walkup software supports many different workflows in medicinal chemistry, drug discovery, and chemistry department labs, with features designed to ensure continued system operation.

Example Workflow: Walkup Software Lets Chemists Focus on Synthesis

Synthetic organic chemists who prepare new compounds often have little or no experience in mass spectrometry—they simply want to ensure that the results of their synthesis are adequate to proceed to the next step, and to receive notification when the analysis is complete. In most cases, they need to confirm that they made the correct compound and get an approximate purity or yield, in order to make appropriate decisions for the next step in target compound development.

Many organizations have multiple LC/MS systems that are set up for high-throughput molecular weight confirmation. Medicinal chemists who need results quickly must first locate an instrument that is available for the analysis. With MassHunter Walkup software, a user can see the status of each instrument from any location on the network, and can rapidly choose the most appropriate instrument.

Once an instrument has been located, the chemist simply logs in, describes the samples, and assigns a method from a list. Then the software shows the locations in the sampler where the samples should be placed. When analysis is complete, the chemist receives a report with all the information needed for the target compound.

GO BEYOND NOMINAL MASS

The benefits of Agilent MassHunter Walkup software can also be applied to Agilent HPLC systems operating without an attached mass spectrometer, enabling easy access to routine LC analysis for an entire user community.

Also, the walkup LC/MS capability is not limited to single quads—similar capabilities and benefits can be applied to LC/TOF and LC/Q-TOF instruments.

With both TOF and Q-TOF systems, analysis is not limited to small molecules; biologists producing proteins can use the same approach to perform automated intact protein confirmation and get sequence coverage maps, with the same ease-of-use experienced in routine small molecule analysis.