



Agilent VnmrJ 4 Datastation Software

Data Sheet

Agilent VnmrJ 4 Datastation software provides Agilent VnmrJ software's well-known versatility, power, and ease of use for off-line applications on Mac OS X and Windows-based computers. Use VnmrJ software's comprehensive tools to create experiments, design methods, and analyze data, all in the environment of your choice.



Figure 1. Agilent VnmrJ 4 Datastation shown here running on a Windows 7 computer, with the full complement of features for processing, displaying, and analyzing spectra.

Easy access to advanced processing and analysis

Instead of logging into a spectrometer remotely or tying up the console, you can now analyze data on the computer of your choice—at home, in the office or lab, even on a plane. Datastation provides access to the complete set of spectral processing facilities within VnmrJ, including reconstruction of Non-Uniformly Sampled (NUS) spectra using CLEAN and IST algorithms, and automated creation of NMRPipe processing schemes for BioNMR applications. Datastation also provides



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access to all analytic features, including industry-leading DOSY analysis, and the powerful CRAFT spectrum-to-spreadsheet option for automated, unsupervised identification and quantification of overlapping signals in even the most complex 1D spectra.

Use the power of Agilent NMR in the classroom

In a classroom environment, VnmrJ Datastation lets students set up experiments off-line, to be submitted with samples later. Once spectra are acquired, analysis of the resulting data can be done off-line, keeping the spectrometer free for data acquisition, and safe from unintended use.

Datastation for Windows: Virtual VnmrJ

VnmrJ Datastation includes a full-featured installation of VnmrJ on a CentOS 6.3 Linux virtual machine, capable of running add-on options such as CRAFT and DOSY, purchased separately. Installation of Virtual VnmrJ on Windows 7, XP, and more, requires the purchase and installation of VMware Player. <http://www.vmware.com/products/player/>

Datastation for Mac OS X: two options

Mac OS X users can choose two ways of using VnmrJ Datastation. The Native Mac OS X implementation included on the Datastation media runs directly on Mac OS X. Alternatively, Mac OS X users can also use Virtual VnmrJ, making it possible to take advantage of options such as CRAFT which were previously only available on Linux. Installation of Virtual VnmrJ on Mac OS X Operating Systems requires the purchase and installation of VMware Fusion. <http://www.vmware.com/products/fusion/>

Macintosh system specifications

Minimum configuration	
CPU	64-bit
Operating system	Mac OS X 10.6
Memory	2 GB
Available disk space	8 GB or more
Recommended configuration	
CPU	64-bit
Operating system	Mac OS X 10.7, 10.8, 10.9
Memory	4 GB
Available disk space	20 GB or more

Windows system specifications

Minimum configuration	
CPU	64-bit
Operating system	Windows XP, 32-bit or 64-bit
Memory	2 GB
Available disk space	20 GB or more
Recommended configuration	
CPU	64-bit
Operating system	Windows 7
Memory	4 GB
Available disk space	20 GB or more

Ordering information

Part name	Part number
VnmrJ Datastation License	G5022AA
VnmrJ Datastation Media Kit for Win/Mac	G5021AA
VnmrJ Media Kit for Linux	G5028AA
DOSY for VnmrJ	G5032AA
CRAFT for VnmrJ	G6900AA

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