Exactive and nanoAcquity Software installation

Contents

Exactive and nanoAcquity Software installation	1
Installing Exactive Series 2.7	2
Platform (Foundation 3.1 SP2)	3
Xcalibur 4.0	4
Instrument Driver (Exactive Series 2.7)	4
Thermo LC Devices	5
nanoAcquity SW installation	5
nanoAcquity SW installation (short)	6
NanoAcquity Reboot	6
nanoAcquity Detailed Install/Connection Procedure for newer Xcalibur Versions	7

Installing Exactive Series 2.7

Read the install Instructions provided by Thermo!

Make a backup copy of your cali files. Just copy the entire system file to a new location (don't move it, make a copy).

Computer + OS (C:) + X	calibur	>	✓ ⁴ → Searce	h Xcalibur	٩
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		📙 methods	3/1/2016 9:29 AM	File folder	
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When you insert the DVD and let it auto run, you should get a window looking similar to the one below, read the installation Instructions. Internet Explorer 11 is most likely black, as they want you to install that first, all the others are grayed out.

But when you try to install Internet Explorer 11 you get an Error and it won't let you proceed to install anything else.

Notes:	tes: I his installation program installs the Exactive Senes 2.7 / Xoalibur 4.0 Software Kit on your system. Please install the items in the following order if needed. The Xcalibur 4.0 installer includes installation of Foundation 3.1 SP2 and FreeStyle 1.1 SP1.					
		Installation Instructions				
	Net Framework 4.0					
	Internet Explorer 11					
	Adobe Reader 11					
	Xcalibur 4.0	Xcalibur 4.0 Release Notes				
		FreeStyle 1.1 SP1 Release Notes				
		FreeStyle Licensing Instructions				
	Exactive Series 2.7	Release Notes				
	LC Devices 3.0	Release Notes				
	GC Devices 3.2	Release Notes				
	UIST 14 ped AMDIS	NIST 14 Readme				



So you have to manually install the different Thermo SW, in the following order:

- 1. Platform (which is Foundation)
- 2. Xcalibur
- 3. Instrument driver, i.e. Exactive Series 2.7
- 4. LC Devices

Platform (Foundation3.1 SP2)

1. Insert the DVD and select browse files, it should look something like this:

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Desktop	IE IE	3/31/2016 2:50 PM	File folder		
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Downloads	Redistributable	3/31/2016 2:52 PM	File folder		
	Xcalibur	3/31/2016 3:03 PM	File folder		
Libraries	AboutThisDVD.txt	12/3/2015 7:23 AM	Text Document	1 KB	
Documents	autorun.inf	12/11/2015 4:57 AM	Setup Information	1 KB	
👌 Music	Data1.cab	12/11/2015 5:02 AM	Cabinet File	193,864 KB	
Pictures	HardRemove.dll	12/11/2015 4:57 AM	Application extens	37 KB	
😸 Videos	1 InstallationInstructions.pdf	12/11/2015 4:10 AM	Adobe Acrobat D	55 KB	
	Instrument.ini	12/11/2015 4:57 AM	Configuration sett	1 KB	
Computer	ISSetup.dll	12/11/2015 5:01 AM	Application extens	1,919 KB	
🏜 OS (C:)	License.rtf	12/11/2015 5:00 AM	Rich Text Format	30 KB	
	T ReleaseNotes.pdf	12/14/2015 5:33 AM	Adobe Acrobat D	121 KB	
Network	setup.exe	12/11/2015 5:02 AM	Application	3,640 KB	
	setup.isn	5/29/2013 3:22 PM	ISN File	55 KB	
	Setup256.bmp	12/11/2015 4:57 AM	Bitmap image	676 KB	
	🔁 Software Validation Certificate.pdf	12/15/2015 8:46 AM	Adobe Acrobat D	529 KB	
	🔂 Thermo Exactive Series 2.7.msi	12/11/2015 5:02 AM	Windows Installer	9,870 KB	
	🔀 XInstall.exe	12/11/2015 4:57 AM	Application	93 KB	
	XInstall ini	12/16/2015 6:14 AM	Configuration sett	7 KB	

2. Double click on the Xcalibur folder:

				- 0	x
G V RE2.7 • Xcalibur •		√ 49	Search Xcalibur		P
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归 Recent Places		LC Devices 3.0.0.832	3/3	1/2016 3:00	PM F
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		Platform 3.1.94	3/3	1/2016 3:03	PM F
🥽 Libraries		Xcalibur 4.0.27	3/3	1/2016 3:04	PM F
Documents		ш			•
6 items					

3. Double click on the Platform 3.1.94 folder:

				x
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Eile Edit View Tools Help				
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☆ Favorites	Name	Date modified	Туре	Size
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Nesktop	InstallUtil.InstallLog	12/3/2015 8:19 AM	INSTALLLOG File	
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〕 Downloads				
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ThermoPlatform.exe Date modified: Application Size:	11/18/2015 4:04 AM Date created: 3/31/2016 26.8 MB	3:03 PM		

4. Double click on the ThermoPlatform.exe

This will start the install of Foundation, at the end it will prompt you to reboot your PC.

Xcalibur 4.0

5. In the Xcalibur 4.0.27 folder, double click on the XcaliburSetup.exe to start the install, this will install Xcalibur 4.0 and Freestyle 1.1

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Favorites	Name	Date modified	Туре	Siz
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E Desktop	🔁 Xcalibur40_RelNotes.pdf	11/20/2015 6:06 PM	Adobe Acrobat D	
Recent Places Downloads	K XcaliburSetup.exe	11/18/2015 3:46 PM	Application	3
	•	m		

Instrument Driver (Exactive Series 2.7)

6. To install the Instrument Driver, in this case Exactive Series 2.7, go back to the main window and double click on setup:

File Edit View Tools Hele		• • Searc	n QbZ/	
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Downloads		3/31/2016 2:52 PM	File folder	
	1 Xcalibur	3/31/2016 3:03 PM	File folder	
Jubraries	AboutThisDVD.txt	12/3/2015 7:23 AM	Text Document	
Documents	autorun.inf	12/11/2015 4:57 AM	Setup Information	
Ausic 1	🔠 Datal.cab	12/11/2015 5:02 AM	Cabinet File	
Pictures	HardRemove.dll	12/11/2015 4:57 AM	Application extens	
😸 Videos	1 InstallationInstructions.pdf	12/11/2015 4:10 AM	Adobe Acrobat D	
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	18 Thermo Exactive Series 2.7.msi	12/11/2015 5:02 AM	Windows Installer	
	👹 XInstall.exe	12/11/2015 4:57 AM	Application	
	 XInstall.ini 	12/16/2015-6:14 AM	Configuration sett	
	4	11		

7. Now you want to check and make sure you have all the correct license files and calibration files, compare the current files on your PC to the ones in the system backup, they should be the same (compare date/time stamp).

Go to Xcalibur/System/Exactive/Instrument/



Double click on msx_instrument_files:



Thermo LC Devices

8. To install the LC Devices, go back to the Xcalibur folder and double click on the LC Devices folder and then run the setup.exe:

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Organize 🔻 💼 Open Shar	e with 🔻 New folder		•
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词 Libraries	Surveyor	3/31/2016 3:00 PM	File folder
Documents) Thermo	3/31/2016 3:00 PM	File folder
👌 Music	Waters	3/31/2016 3:02 PM	File folder
Pictures	🕡 0x0409.ini	3/23/2010 4:44 PM	Configuration sett
😸 Videos	data1.cab	5/14/2015 3:05 PM	Cabinet File
	data1.hdr	5/14/2015 3:05 PM	HDR File
🖳 Computer	data2.cab	5/14/2015 3:05 PM	Cabinet File
🏭 OS (C:)	DeviceInfo.txt	5/14/2015 3:00 PM	Text Document
	ISSetup.dll	4/24/2012 6:55 PM	Application extens
辑 Network	layout.bin	5/14/2015 3:05 PM	BIN File
	🔁 ReleaseNotes.pdf	5/14/2015 12:32 PM	Adobe Acrobat D
	setup.exe	5/14/2015 3:05 PM	Application
	i setup.ini	5/14/2015 3:05 PM	Configuration sett
	setup.inx	5/14/2015 3:05 PM	INX File
	Uninstall Programs.txt	5/14/2015 12:32 PM	Text Document

Select the appropriate LC for your setup.

nanoAcquity SW installation

We have a nanoAcquity hooked up to our QEplus. Unfortunately the nanoAcquity software installation is very difficult with the newer versions of Xcalibur on our 64 bit win7pro PC's. So far we've seen two different issues after the SW installation:

- 1. When opening the Instrument Configuration the nanoAcquity does not show up as a configurable instrument
- 2. It does show up and you can add it Instrument Configuration, but when you open the method editor (double click on Instrument setup in Xcalibur) the nanoAcquity instrument setup is blank and will only show the run time:



nanoAcquity SW installation (short)

Here is a procedure that seems to work, most of the time (scroll down for a more extensive version with screen shots):

- 1. Uninstall the three Thermo LC Devices
- 2. Install the Thermo LC Devices Acquity (not nanoAcquity)
- 3. Uninstall the Acquity Binary Solvent Manager (none of the other Acquity modules)
- 4. Uninstall the three Thermo LC Devices (you may need to reboot the PC)
- 5. Uninstall the Acquity Auxiliary Pump
- 6. Uninstall the nanoAcquity Binary Solvent Manager
- 7. Uninstall the nanoAcquity Sample Manager
- 8. Reboot PC
- 9. Install LC Devices nanoAcquity
- 10. Reboot PC and cycle Power on the nanoAcquity

Open the Waters Console and check that the correct Modules are configured, i.e. nanoAcquity Sample Manager and nanoAcquity Binary Solvent Manager. Now check if you see the nanoAcquity in Instrument Configuration and/or in the method editor. If so you are good to go.

NanoAcquity Reboot

Note if for some reason the nanoAcquity errors out (e.g. system overpressure, or missing vial etc.) you have to follow the following reboot sequence to recover:

- 1. Open Instrument Configuration, remove the nanoAcquity and hit Done
- 2. Reboot PC and log in
- 3. Cycle Power on the nanoAcquity, wait for it to completely start up
- 4. Open Instrument Configuration, add the nanoAcquity and hit Done

The two main issues after an error are:

- 1. The nanoAcquity will not do trapping at all; it will inject the sample and then immediately start the acquisition.
- 2. Or it will trap using the last trapping method used before it had the error, i.e. if you use a method with a different trapping time it will not use the new trapping time but continue to use the previous time.

If you notice either one of those, follow the reboot sequence above.

Note I have two methods, very short 1 min acquisitions one with a 30 sec trapping and one with a 1 min trapping. I run those to check if the nano is performing as it should. Alternatively, inject a QC.

nanoAcquity Detailed Install/Connection Procedure for newer Xcalibur Versions

Issue: After Thermo LC Devices nanoAcquity Software Installation:

- 1. When opening the Instrument Configuration the nanoAcquity does not show up as a configurable instrument
- 2. If it does show up and you can add it, then when you open the method editor (double click on Instrument setup in Xcalibur) the nanoAcquity instrument setup is blank and will only show the run time:



If you see something like that try the following procedure:

- 1. Uninstall (in this order):
 - 1.1. Thermo LC Devices Waters nanoAcquity
 - 1.2. Thermo LC Devices LC Shared Library
 - 1.3. Thermo LC Devices

Edit View Tools Hel	p					
ontrol Panel Home	University of the second second second					
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	Name	Missiel Constantion	1/3/2014	3120	VEISION	
	Microsoft SQL Server Compact 4.0 xb4 ENU	Microsoft Corporation	1/7/2014	19.1 MB	4.0.8482.1	
	Microsoft Visual C++ 2003 Redistributable (x04) - KB2	Microsoft Corporation	1/7/2014	300 KD	0.0.30730	
	Microsoft Visual C++ 2008 Redistributable - x04 9.0.3	Microsoft Corporation	1/7/2014	700 KD	9.0.30729	
	Microsoft Visual C++ 2000 Redistributable - X00 9.0.5	Microsoft Corporation	1///2014	12.9 MD	9.0.50729	
	Microsoft Visual C++ 2010 x86 Redistributable - 10.0	Microsoft Corporation	12/27/2013	11.0 MD	10.0.40219	
	MSYML 4 0 SD2 (KR036181)	Microsoft Corporation	1/7/2014	1.26 MB	4 20 0848 0	
	MSXML 4.0 SP2 (KB950101)	Microsoft Corporation	1/8/2014	1.20 MB	4 20 9870 0	
	MSXML 4.0 SP2 (KB934688)	Microsoft Corporation	1/8/2014	1.33 MB	4 20 9876 0	
	manoACOUITY Binary Solvent Manager	Waters Corporation	8/25/2015	33.3 MB	1.42.1319	
	manoACOUITY Sample Manager	Waters Corporation	8/25/2015	34.0 MB	1.42.1248	
	RawMeat	VAST SCIENTIFIC	1/8/2014	16.5 MB	2.1.1007	
	K Realtek High Definition Audio Driver	Realtek Semiconductor Corp.	12/27/2013		6.0.1.5975	
	💞 Skyline	Skyline	3/9/2016		3.5.0.9319	
	💞 Skyline-daily	MacCoss Lab, UW	9/8/2014		2.0.9.4899	
	💞 Skyline-daily - 1	MacCoss Lab, UW	9/8/2014		2.5.1.6616	
	Sophos Anti-Virus	Sophos Limited	3/8/2016	35.9 MB	10.3.15	
	Sophos AutoUpdate	Sophos Limited	7/30/2015	18.4 MB	4.3.10.27	
	🔂 Thermo Exactive Series 2.7	Thermo Fisher Scientific Inc.	3/31/2016	205 MB	2.7.0.2659	
	🔀 Thermo Foundation 3.1	Thermo Fisher Scientific Inc.	3/31/2016		3.1.94.0	
	Thermo FreeStyle 1.1	Thermo Fisher Scientific Inc.	3/31/2016		1.1.175	
/	💷 Thermo LC Devices	Thermo Fisher Scientific, Inc.	3/31/2016		3.0.0	
(🔂 Thermo LC Devices LC Shared Library	Thermo Fisher Scientific, Inc.	3/31/2016		3.0.0	
	HThermo LC Devices Waters nanoACQUITY	Thermo Fisher Scientific, Inc.	3/31/2016		3.0.0	
	Inenne MSGilePowler	Thermo Fisher Scientific	1/8/2014		2.2.62	
	X Thermo Xcalibur	Thermo Fisher Scientific Inc.	3/31/2016		4.0.27.13	
	Validity WBF DDK 495	Validity Sensors, Inc.	1/7/2014	6.67 MB	4.5.238.0	
	Windows Essentials 2012	Microsoft Corporation	12/27/2013		16.4.3505.0912	
	MinSCP 5.7.7	Martin Prikryl	3/14/2016	23.4 MB	5.7.7	

2. Next Install the Thermo LC Devices Acquity (not nanoAcquity):

Thermo LC Devices 3.0.0 Setup	×
Select Features Select the features setup will install.	1 and 1
Select the features you want to install,	and deselect the features you do not want to install.
CTC SSI Surveyor Thermo Waters 21 Description Waters 2795 Separations Module	0K 0K 0K 0K 0K 0K 0K 0K 0K 0K
Space Required on C: Space Available on C: InstallShield	6582 K 846134340 K
	<pre></pre>

3. Reboot PC

You will get a popup, Connections Insight, just hit cancel



4. Go back to uninstall programs and uninstall connections insight:

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Control Panel →	Programs Programs and Features				👻 🐓 Search	Programs and Features	٩
<u>File Edit View Tools H</u> elp	3						
Control Panel Home	Uninstall or change a program						
View installed updates	To uninstall a program, select it from the list and then	click Uninstall, Change, or Repair.					
off	Organize 👻 Uninstall/Change					≣ - (0
	Name	Publisher	Installed On	Size	Version		
	ACQUITY Auxiliary Solvent Manager ACQUITY Binary Solvent Manager ACQUITY Column Manager	Waters Corporation Waters Corporation Waters Corporation	8/25/2015 3/31/2016 3/31/2016	19.4 MB 31.8 MB 23.0 MB	1.42.2537 1.50.1521 1.50.1678		
	W ACQUITY PDA Detector W ACQUITY Sample Manager	Waters Corporation Waters Corporation	3/31/2016 3/31/2016 2/21/2016	17.6 MB 33.3 MB	1.50.1121 1.50.2736		
	Adobe Flash Player 11 ActiveX Adobe Reader XI (11.0.15) MUI	Adobe Systems Incorporated Adobe Systems Incorporated	12/27/2013 3/22/2016	6.00 MB 642 MB	11.9.900.117 11.0.15		Е
	AMD Catalyst Install Manager Broadcom NetXtreme-I Netlink Driver and Managem Chrome Remote Desktop Host	Advanced Micro Devices, Inc. Broadcom Corporation Google Inc.	12/27/2013 12/27/2013 3/31/2016	26.3 MB 73.5 MB 21.1 MB	8.0.911.0 15.4.14.1 50.0.2661.22		
	Connections INSIGHT	Waters Corporation	3/31/2016	24.1 MB	3.1.58.0		
	i≊i Den Bockup och Rossury Manager III Dell Client System Update	Dell Inc. Dell Inc.	12/27/2013 12/27/2013	33.7 MB	1.3.1 1.3.0		
	Dell Data Protection Client Security Framework Dell Data Protection Security Tools	Dell Dell	1/7/2014 1/7/2014	73.4 MB 308 KB	8.2.1.1311 1.2.1.421		
	Dell Data Protection Security Tools Authentication Dell Digital Delivery Dell Protected Workspace	DigitalPersona, Inc. Dell Products, LP	1/7/2014 6/16/2015	119 MB 3.49 MB	1.2.0.392 3.1.1002.0		
	Construction workspace Evernote v. 5.6.4 Google Chrome	Evernote Corp. Google Inc.	9/8/2014 1/7/2014	222 MB	5.6.4.4632 49.0.2623.110		

- 5. Uninstall (in the order listed):
 - 5.1. Thermo LC Devices Waters Acquity
 - 5.2. Thermo LC Devices LC Shared Library
 - 5.3. Thermo LC Devices
 - 5.4. You may have to reboot the PC

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	Name	Publisher	Installed On	Size	Version	*
	Microsoft SQL Server Compact 4.0 x64 ENU	Microsoft Corporation	1/7/2014	19.1 MB	4.0.8482.1	
	Microsoft Visual C++ 2005 Redistributable (x64) - KB2	Microsoft Corporation	1/7/2014	580 KB	8.0.51011	
	Microsoft Visual C++ 2008 Redistributable - x64 9.0.3	Microsoft Corporation	1/7/2014	788 KB	9.0.30729	
	Microsoft Visual C++ 2008 Redistributable - x86 9.0.3	Microsoft Corporation	1/7/2014	596 KB	9.0.30729	
	Microsoft Visual C++ 2010 x64 Redistributable - 10.0	Microsoft Corporation	12/27/2013	13.8 MB	10.0.40219	
	Microsoft Visual C++ 2010 x86 Redistributable - 10.0	Microsoft Corporation	12/27/2013	11.1 MB	10.0.40219	
	MSXML 4.0 SP2 (KB936181)	Microsoft Corporation	1/7/2014	1.26 MB	4.20.9848.0	
	MSXML 4.0 SP2 (KB954430)	Microsoft Corporation	1/8/2014	1.27 MB	4.20.9870.0	
	MSXML 4.0 SP2 (KB973688)	Microsoft Corporation	1/8/2014	1.33 MB	4.20.9876.0	
	manoACQUITY Binary Solvent Manager	Waters Corporation	8/25/2015	33.3 MB	1.42.1319	
	nanoACQUITY Sample Manager	Waters Corporation	8/25/2015	34.0 MB	1.42.1248	
	1 RawMeat	VAST SCIENTIFIC	1/8/2014	16.5 MB	2.1.1007	
	😹 Realtek High Definition Audio Driver	Realtek Semiconductor Corp.	12/27/2013		6.0.1.5975	
	ኛ Skyline	Skyline	3/9/2016		3.5.0.9319	
	💞 Skyline-daily	MacCoss Lab, UW	9/8/2014		2.0.9.4899	
	ኛ Skyline-daily - 1	MacCoss Lab, UW	9/8/2014		2.5.1.6616	
	Sophos Anti-Virus	Sophos Limited	3/8/2016	35.9 MB	10.3.15	
	Sophos AutoUpdate	Sophos Limited	7/30/2015	18.4 MB	4.3.10.27	
	🔀 Thermo Exactive Series 2.7	Thermo Fisher Scientific Inc.	3/31/2016	205 MB	2.7.0.2659	
	🔂 Thermo Foundation 3.1	Thermo Fisher Scientific Inc.	3/31/2016		3.1.94.0	
	Thermo FreeStyle 1.1	Thermo Fisher Scientific Inc.	3/31/2016		1.1.175	
	Thermo LC Devices	Thermo Fisher Scientific, Inc.	3/31/2016		3.0.0	E
(🔀 Thermo LC Devices LC Shared Library	Thermo Fisher Scientific, Inc.	3/31/2016		3.0.0	
	🔀 Thermo LC Devices Waters Acquity	Thermo Fisher Scientific, Inc.	3/31/2016		3.0.0	
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	🔀 Thermo Xcalibur	Thermo Fisher Scientific Inc.	3/31/2016		4.0.27.13	
	Validity WBF DDK 495	Validity Sensors, Inc.	1/7/2014	6.67 MB	4.5.238.0	
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Thermo Fisher Scientific, Inc. Product version: 3.0.0 Support link: www.thermo.com Help link: http://ThermoKB.com						

- 6. Uninstall:
 - 6.1. Acquity Binary solvent manager
 - 6.2. Acquity Auxiliary solvent manager
 - 6.3. nanoAcquity Binary solvent manager
 - 6.4. nanoAcquity Sample manager
- 7. Reboot PC

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View installed updates	To uninstall a program, select it from the list and then click Uninstall, Change, or Repair.					
off	Organize 🔻 Uninstall/Change					≣ ▾ 🔞
	Manie	Publisher	Installed On	Size	Version	*
	ACQUITY Auxiliary Solvent Manager	Waters Corporation	8/25/2015	19.4 MB	1.42.2537	
	W ACQUITY Binary Solvent Manager	Waters Corporation	3/31/2016	31.8 MB	1.50.1521	
	ACOUITY Column Manager	Waters Corporation	3/31/2016	23.0 MB	1.50.1678	
	W ACQUITY PDA Detector	Waters Corporation	3/31/2016	17.6 MB	1.50.1121	
	W ACQUITY Sample Manager	Waters Corporation	3/31/2016	33.3 MB	1.50.2736	
	W ACQUITY TUV Detector	Waters Corporation	3/31/2016	17.3 MB	1.50.2530	
	Adobe Flash Player 11 ActiveX	Adobe Systems Incorporated	12/27/2013	6.00 MB	11.9.900.117	-
	🙏 Adobe Reader XI (11.0.15) MUI	Adobe Systems Incorporated	3/22/2016	642 MB	11.0.15	-
	MSXML 4.0 SP2 (KB936181)	Microsoft Corporation	1/7/2014	1.26 MB	4.20.9848.0	
	MSXML 4.0 SP2 (KB954430)	Microsoft Corporation	1/8/2014	1.27 MB	4.20.9870.0	
	MSXML 4.0 SP2 (KB973688)	Microsoft Corporation	1/8/2014	1.33 MB	4.20.9876.0	
	🕅 nanoACQUITY Binary Solvent Manager	Waters Corporation	8/25/2015	33.3 MB	1.42.1319	
	🕅 nanoACQUITY Sample Manager	Waters Corporation	8/25/2015	34.0 MB	1.42.1248	
	B PawMeat	VAST SCIENTIFIC	1/8/2014	16.5 MB	2.1.1007	
	😹 Realtek High Definition Audio Driver	Realtek Semiconductor Corp.	12/27/2013		6.0.1.5975	
	ኛ Skyline	Skyline	3/9/2016		3.5.0.9319	
	ኛ Skyline-daily	MacCoss Lab, UW	9/8/2014		2.0.9.4899	

8. Install Thermo LC Devices Waters nanoAcquity:

Thermo LC Devices 3.0.0 Setup			×
Select Features Select the features setup will install. Select the features you want to install	l, and desele	nct the features you do not wan	t to install.
CTC SSI Surveyor Thermo ✔Waters 21 Description Waters 2795 Separations Module	0K 0K 0K 0K	Waters AC0UITY Waters nanoAC0UITY Waters2735	0 K 2170 K 0 K
Space Required on C: Space Available on C: InstallShield	65 8450957	582 K 792 K < Back <u>N</u> ext >	Cancel

- 9. Reboot PC
- 10. Cycle power on nanoAcquity
- 11. Open Instrument configuration, add nanoAcquity and hit Done (wait a minute)
- 12. Open Xcalibur
- 13. Open Instrument Setup

It should look like this:

File Waters ACQUITY Help Image: Second s	
Bun Time: 12000 min ACQnBSM	
Run Time: 120.00 min	
Q Exactive Plus County Sample Manager Values Sample Loop Option Please Read Loop Offline: Patial Loop Please Read Loop Offline: Disable Image: Waters Full Loop Disable Image: Disable Image: Waters Water Image: Zourn: Alam Band: Veak: Values Off Image: Alam Band: Accounting Zourn: Alam Band: Off Image: Alor Image: Alor Image: Alor Image: Alor Image: Advanced Xetres Xetres Xetres Image: Xetres Xetres Xetres Xetres Image: Zetres Xetres Xetres Xetres Image: Zetres Zetres Xetres Xetres Image: Zetres Zetres Xetres Xetres Image: Zetres Zetres Xetres	ш
Ready	

nanoACQUITY UPLC Consol nanoACQUITY UPLC System Rinany Solvent Maccore	e (Local) - [System] Control Configure Maintain Troubleshoot Help		100	
Binary Solvent Manager Sample Manager				
- Plots Maintenance Counters		Binary Solvent Manager	%	
- Logs	A2 B2	3 psi	<u>A1</u> 100.0	Flow
		0.000 ml/min		\otimes
	A1 B1	<u>0.000</u> ,	0.0	Stop Flow
			□ <u>B1</u>	
		Binary Solvent Manager	Sample Manager	
		() psi	Column 25.1 ° C	
		0.000 uL/min	<u>Off</u>	
		A2 100.0 %	Sample 24.4 °C	
		B2 0.0 %	Room 25.7 °⊂	
System Status				
Binary Solvent Manager: Communication Failure				

Note if you don't uninstall the Acquity BSM you may see something like this:

And in System Configuration:

anoACQUITY System Configuration The selected instruments are accessible in the method editor. Instruments that are found on-line are selected automatically.		
Select the instruments that corres	pond to the modules in your system. Clear any modules that are no longer present.	
Fluidic Configuration	Instruments	
Oirect Injection	ACQUITY Binary Solvent Manager	
Single Pump Trapping	☑ ACQ-nBSM	
O Dual Pump Trapping	ACQUITY Auxiliary Solvent Manager	
O 2D Online	InanoACQUITY Sample Manager	
O 2D with Dilution	ACQUITY Sample Manager	
	Scan OK Cancel	

When you hit Scan, it removes the ACQ-nBSM and only left the Acquity Binary Solvent Manager

To resolve this I had to uninstall the three LC Devices, the Acquity Binary and Auxiliary Solvent Manager, and the nanoAcquity Sample Manger and Binary Solvent Manager and then reinstall the LD Devices nanoAcquity, as described above.