

MassLynx™ 4.2

SCN 979

Release Notes

MassLynx Software Change Note #979

Introduction:

MassLynx Software Change Note #979 is a maintenance update for MassLynx V4.2, SCN 943. This is to address a defect in the electronics-software interface to enable optimum MS1 ion energy.

Included Drivers:

The MassLynx 4.2 SCN 979 installation includes updates to the following drivers:

MS	SCN Version
Xevo TQ-XS	SCN 943

Supported Components:

Please see the SCN 943 release notes for details.

LC / Inlets	ICS Version
GC - Agilent 7890	2.5

Operating Systems:

Windows 7 professional 64 bit with SP1.

Security:

MassLynx Security is supported with this release.

SCN 979 Installation Procedure:

SCN 943 must already be installed prior to installation of SCN 979.

If any full install SCN other than SCN 943 is installed, then this other SCN must be uninstalled first. SCN 943 must then be installed followed by SCN 979.

1. Close MassLynx and any other software applications.
2. Insert the MassLynx SCN 979 DVD into the DVD-ROM drive.
3. Select Start->Run from the windows start menu and type:
4. <DVD-Drive>:\Update.exe <return>
5. Where, <DVD-DRIVE> is the drive letter of the DVDROM.
6. Follow the instructions of the setup program.
7. Click Finish to complete installation of the SCN.
8. Reboot the MassLynx host PC.
9. Reboot the embedded PC.
10. Launch MassLynx.

Note: If it is necessary to import Target registry settings following a software installation, this should be done **before** the MassLynx application is started.

Un-installation:

MassLynx can be removed by using the Windows "Programs and Features" facility in the Windows Control Panel. MassLynx and any associated applications should first be shut down before uninstalling. SCN 979 should be uninstalled first before uninstalling SCN 943.

If SCN 979 is uninstalled to revert back to utilising SCN 943; then the embedded pc will need to be rebooted.

MS

Fault Fixes:

The following table contains a list of software problems fixed in SCN 979.

The incorrect scaling of Ion Guide 2 Offset has now been fixed.
Function ordering of MRM functions with the same parent mass and different retention times will remain consistent when the experiment is saved.

Concessions:

The following table contains a list of known software issues and workarounds for SCN 979.

Refer to SCN 943 release notes. Additional concessions are recorded below.
IntelliStart Sample Tune Develop Method: Ensure that a valid location path is entered before running this setup routine.
SIR and MRM methods: Following a V sort the user interface may not fully update the Mass and Auto Dwell columns in the method. Close the function dialog, then reopen to refresh the display.
If a target registry backup is required, ensure that the following engineers settings have been tuned and are no longer at the default value. Failure to do so will result in no backup Target registry being created: For both MS1 and MS 2: Low Mass Position; Low Mass Resolution; Resolution Linearity; High Mass Position; High Mass Resolution.

Inlets

Fault Fixes:

The following table contains a list of software problems fixed in SCN 979.

The omission of 'Other Instruments', including the 7890 support from the Driver Pack redistributables on the SCN 943 DVD image has been corrected.
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Information:

When configuring the 7890 driver for use with MassLynx, please ensure the serial number is correctly entered
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Updated Files:

The following files will be updated on your system when you install this Software Change Note:
Lanc_09.ini
Lancaster.dll
Other Instruments folder (added to ICOP redistributables)

Supported Computers, Operating systems, Hotfixes and Anti-Virus software:

Refer to release notes of SCN 943.