



Upgrading an existing 5973N or 5973 inert MSD to be able to use the SIM/SCAN feature

There are four (4) things which need to be looked at to see if the 5973 MSD can run SIM/SCAN.

- 1- The 5973 MSD must have LAN communication; SIM/Scan is not supported on the GPIB communication platform. If your MSD is running on GPIB then the G1088A – 5973A Performance upgrade kit needs to be purchased. The upgrade kit converts the 5973A MSD Standard Electronics to Performance Electronics --software is not included within this kit, installation and familiarization is included.
- 2- SIM/Scan requires G1701DA D.02.00 or higher versions of the MSD Productivity ChemStation software. Users can verify the software version by checking the “Review Revision History” located under the Help pull down menu item. If you do not see “Review Revision History” under the Help pull down menu item or if the product is G1701DA D.01.xx or earlier; then you will need to upgrade your MSD Productivity ChemStation software to G1701DA D.02.00 via the G1617DA - G1701DA MSD ChemStation Software Upgrade – installation and familiarization is not included with the upgrade kit.
- 3- SIM/Scan requires the LAN Control Card 3+ (SmartCard3+) to be installed in the 5973N or 5973 inert MSD. There are two ways to identify the type of SmartCard which is installed in the MSD without taking the covers off.

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a- Power cycle the MSD, if the Local Control Panel displays "Smartcard 3+: 100Mbit" then you have a SmartCard 3+

b – Via the command line from instrument control type: scquery "config:info:sc?"

If the reply is SC3P,40.0,32M,0K,64M -->> SmartCard3+ is installed

If the reply is SC3B,40.0,32M,512K,4M -->> SmartCard3+ is NOT installed

If you do not have a SmartCard3+ installed they you will need to order 05990-65430 – installation and familiarization is not included.

4- Performance Electronics

Press **[Menu]** until you see "**[+ Version]**"

Press **[Item]** and the first prompt should be **[Control Firmware]**

The firmware version should be 5.01.86 or higher, if the version is lower, download newer version from the instrument configuration program under the pull down menu item Help and select "Check Networking and Update MSD Firmware".

Press **[Item]** until you see **[Log Amplifier]**

The version should be "**LOG02**", if you see "**LOG01**" then you need to order G1088B

G1088B - 5973N/inert Performance Upgrade:

The 5973N/inert Performance Upgrade kit converts 5973N/inert MSD Standard Electronics to Performance Electronics – installation and familiarization is included with the kit.