

Wyatt Instrument Firmware Update Guide

Summary

This Technical Note describes how to install a firmware update on a Wyatt instrument. It is written using a *DynaPro NanoStar* instrument and *NanoStar Firmware Version 2.3.4.6* as an example. However, the process for updating firmware on any other instrument is essentially identical to this one, so this method can be applied to any instrument.

Related Technical Notes and References

TN2501 Firmware Updater Connection
Troubleshooting
Instrument User's Guides

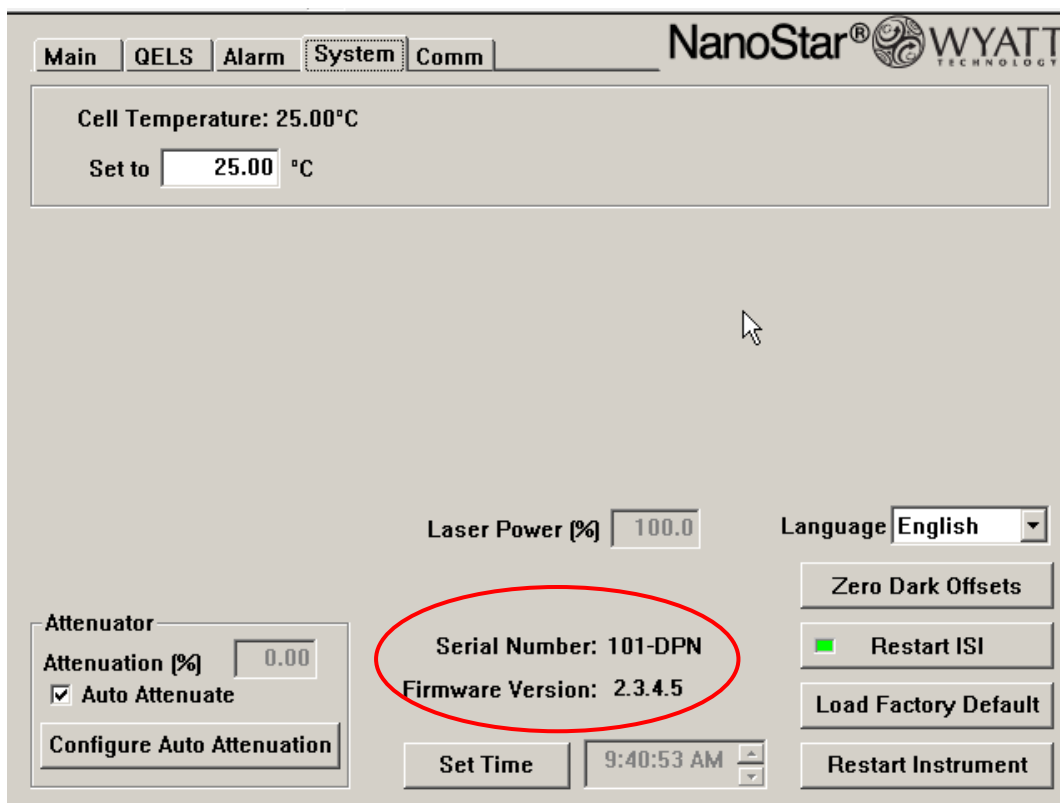


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Checking Your Firmware Version and Serial Number

Before running the Firmware Installer, check the current Firmware version on the system tab of your instrument's front panel. You might actually be up to date! This is also a good time to confirm the serial number of your instrument.

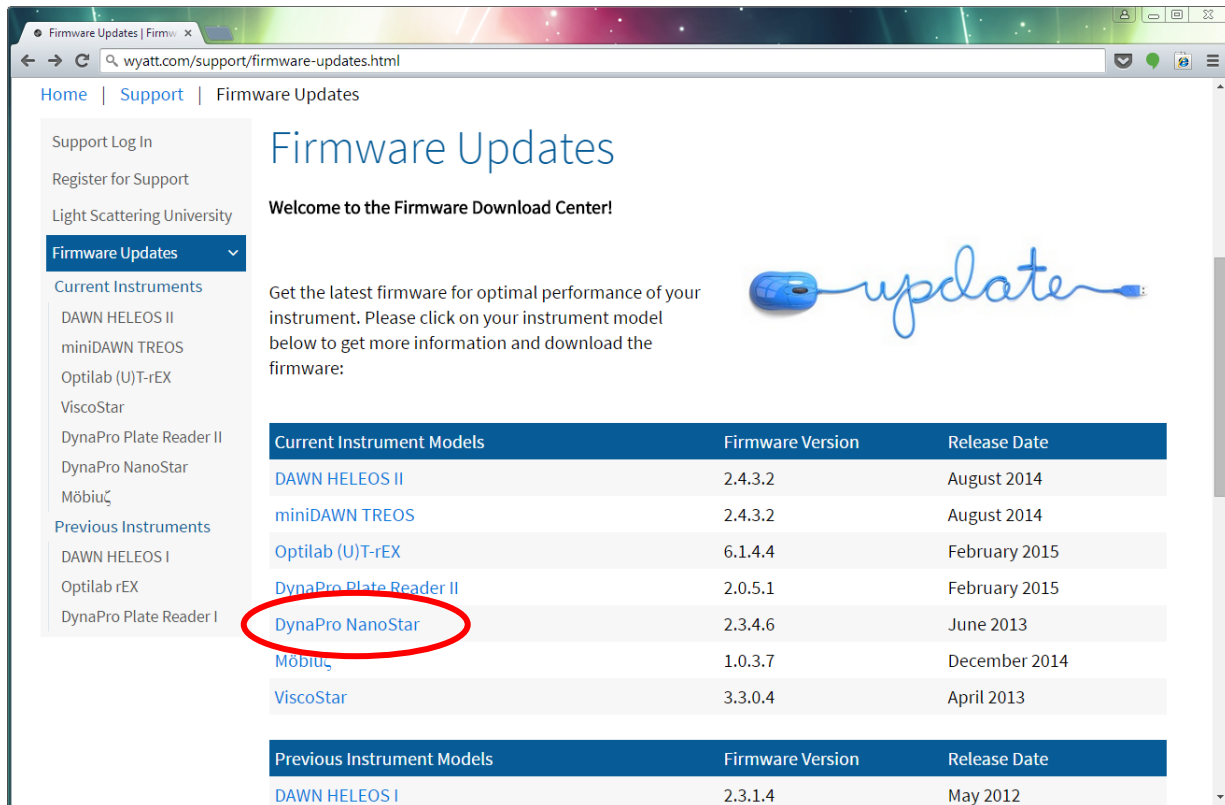


Updating from a Firmware CD

If you prefer to perform the firmware update from a CD instead of downloading the installer from our website, please contact us at support@wyatt.com and we will be glad to mail you a firmware CD.

Updating from Wyatt.com

To download the firmware update from our website, go to <http://www.wyatt.com/firmware> and choose the instrument that you would like to update.



Home | Support | Firmware Updates

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Firmware Updates

Current Instruments
DAWN HELEOS II
miniDAWN TREOS
Optilab (U)T-rEX
ViscoStar
DynaPro Plate Reader II
DynaPro NanoStar
MöbiuS
Previous Instruments
DAWN HELEOS I
Optilab rEX
DynaPro Plate Reader I

Firmware Updates

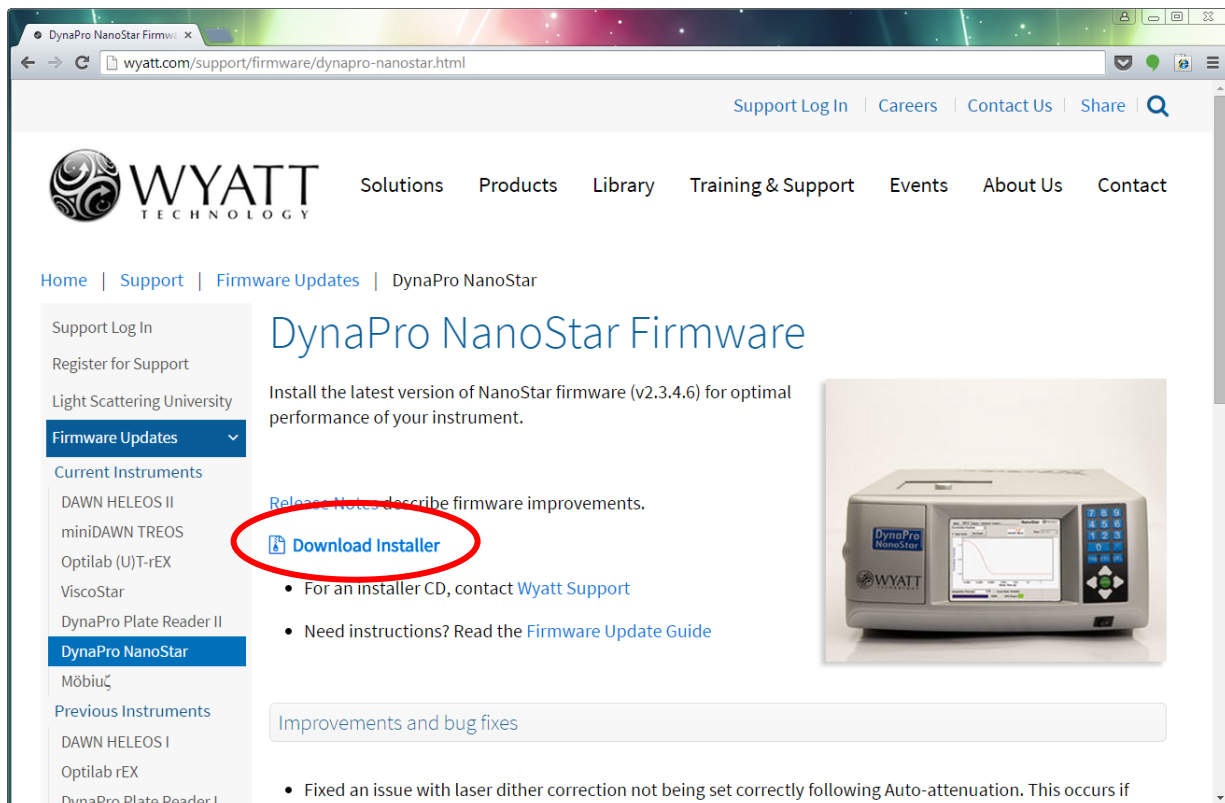
Welcome to the Firmware Download Center!

Get the latest firmware for optimal performance of your instrument. Please click on your instrument model below to get more information and download the firmware:

Current Instrument Models	Firmware Version	Release Date
DAWN HELEOS II	2.4.3.2	August 2014
miniDAWN TREOS	2.4.3.2	August 2014
Optilab (U)T-rEX	6.1.4.4	February 2015
DynaPro Plate Reader II	2.0.5.1	February 2015
DynaPro NanoStar	2.3.4.6	June 2013
MöbiuS	1.0.3.7	December 2014
ViscoStar	3.3.0.4	April 2013

Previous Instrument Models	Firmware Version	Release Date
DAWN HELEOS I	2.3.1.4	May 2012

On the next page, click the link to download the firmware update.



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DynaPro NanoStar Firmware

Install the latest version of NanoStar firmware (v2.3.4.6) for optimal performance of your instrument.

[Release Notes](#) describe firmware improvements.

[Download Installer](#)

- For an installer CD, contact [Wyatt Support](#)
- Need instructions? Read the [Firmware Update Guide](#)

Improvements and bug fixes

- Fixed an issue with laser dither correction not being set correctly following Auto-attenuation. This occurs if

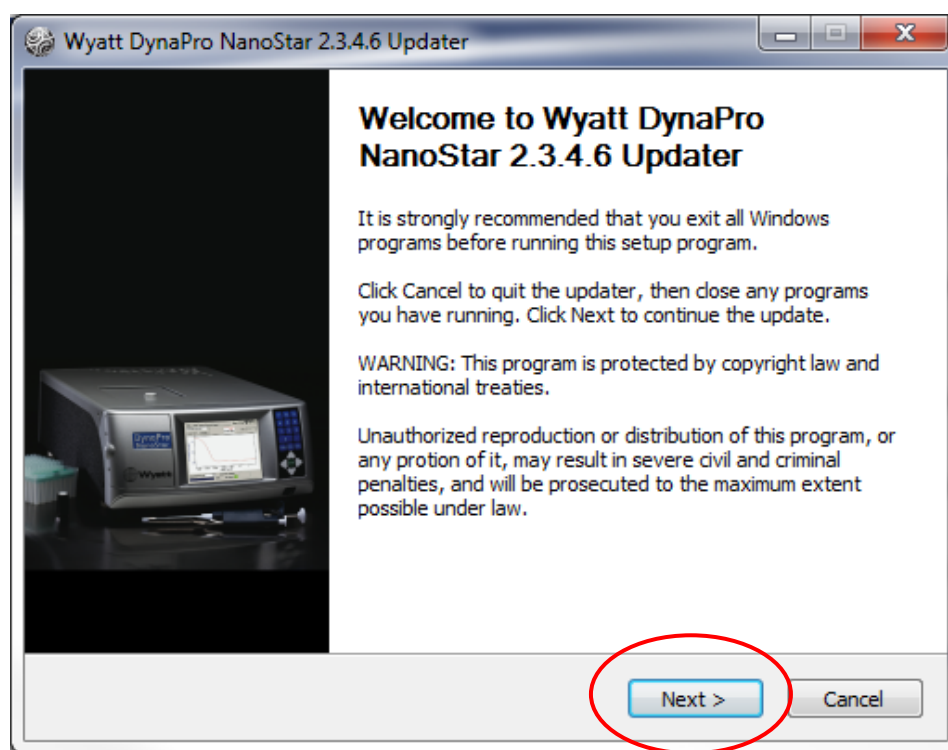
DynaPro NanoStar

A zip file containing the installer will download. You should be able to run the installer (.exe) from the zip file. If you are unable, try copying the installer to your desktop and running it from there. Also, please note that you will need to run this file from a computer that communicates with your Wyatt instrument (generally the lab computer that controls your instrument).

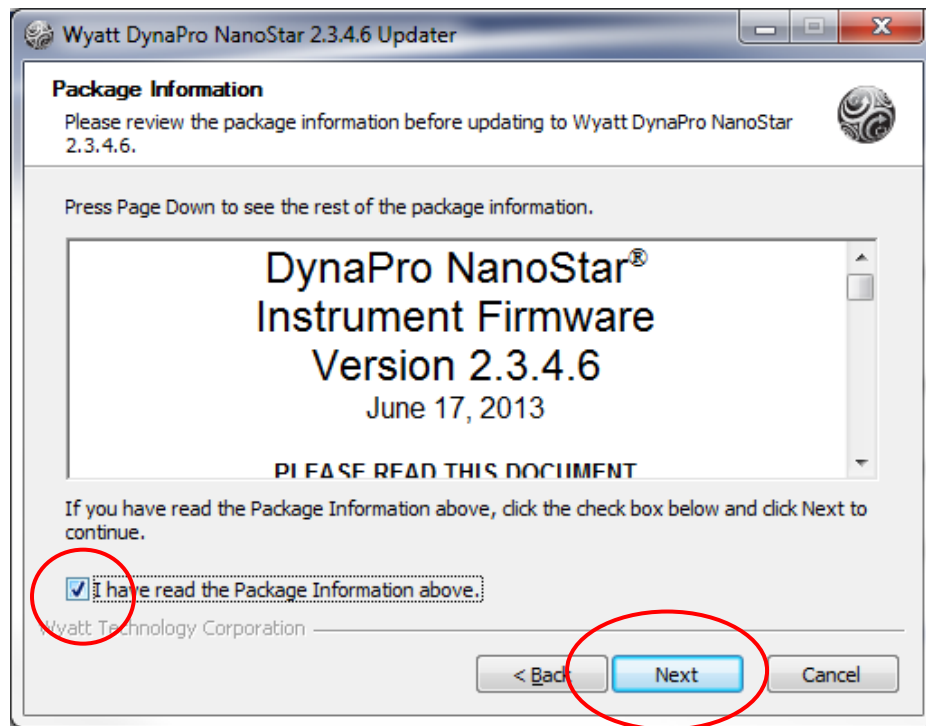
Running the Installer

From this point forward, it no longer matters whether the installer came from a CD or the website. The procedure is the same either way.

Double-click on the executable, which will be named *DPN-2.3.4.6-Customer.exe* or *DPN-2.3.4.6-Installer.exe*, to launch the Updater. Close all Windows programs and click next to continue the update.



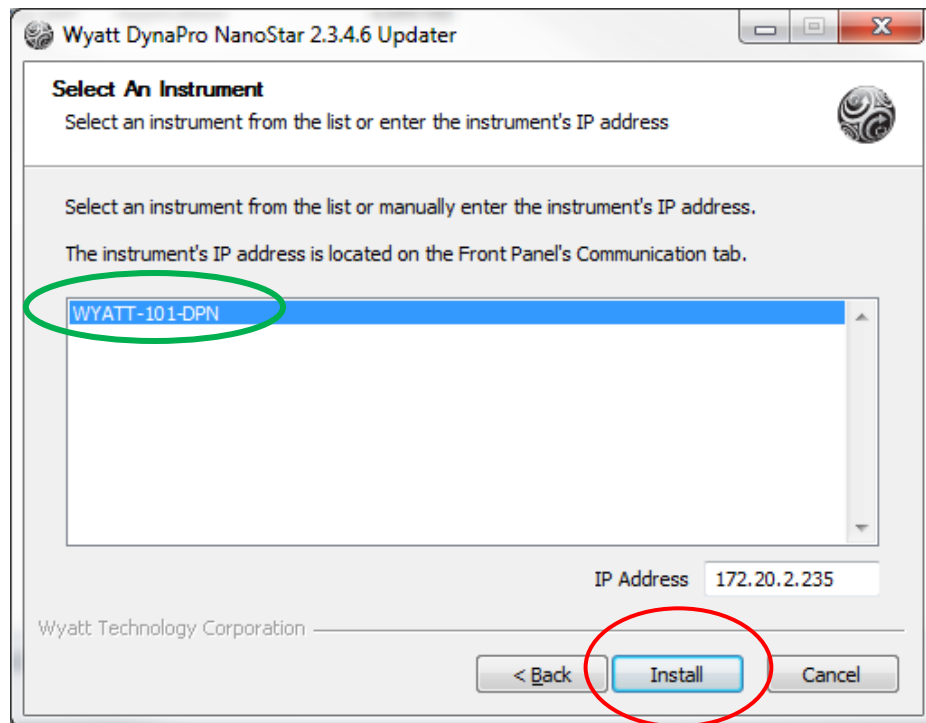
Check the box that says you have read the Package Information above, then click Next. (If you do not check the circled box, you will not be able to click Next.)



The next page is a Windows Firewall Alert. When you click next on the Firewall Alert page, the updater will search for instruments that it can connect to.



The Updater will list all instruments that it can find on the network. Highlight the instrument you wish to update, as shown below, or manually enter the instrument's IP address on the bottom right of the screen. Then click the Install button on the updater.



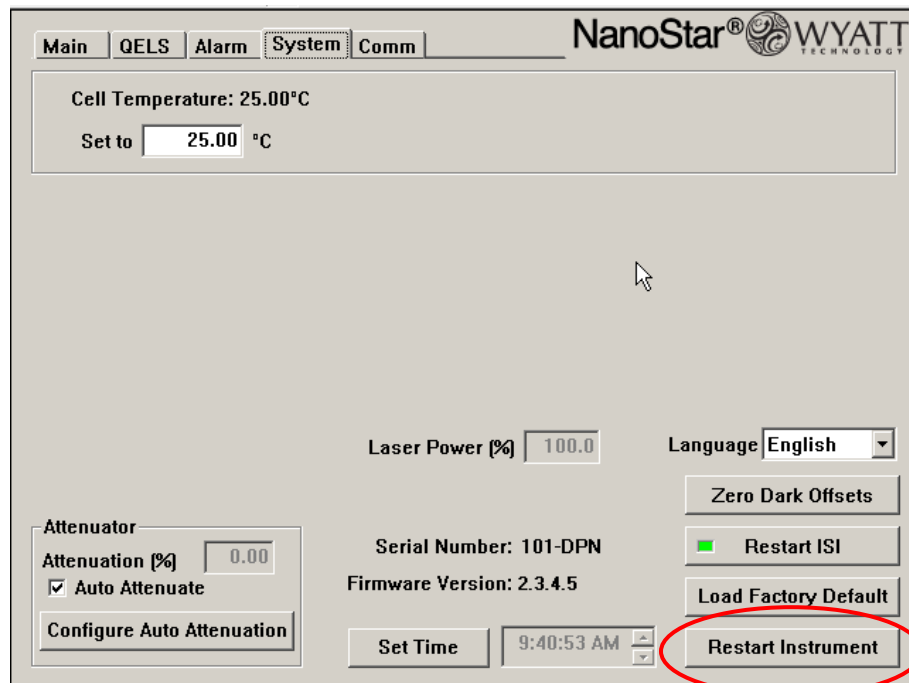
Note: If you have multiple instruments of the same type on your network, you can check that you have selected the correct one by making sure the serial number of the instrument you've selected matches the serial number on the system tab of your instrument (see "Checking Your Firmware Version and Serial Number"). It is also a good idea to make note of the IP Address of your instrument as it appears in the Updater Window.

When the update has finished running on the computer, the following window will show up. You are now done with loading the new firmware onto your instrument. Click "Finish".

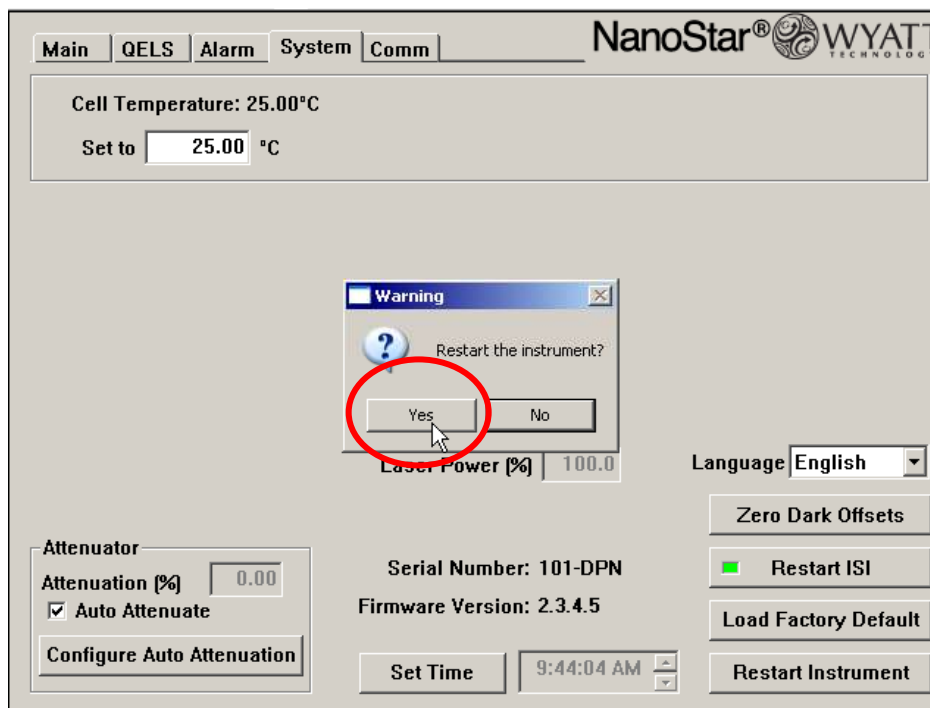


For firmware released in October 2013 or later, the Firmware Updater will automatically restart the instrument to complete the firmware update process.

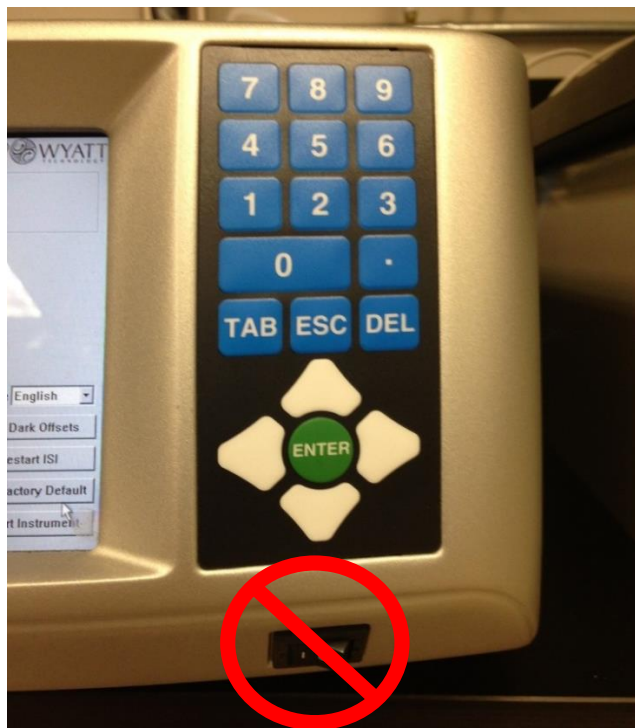
Important note: If the instrument does not restart on its own, the user must perform a manual reboot. To do so, go to the instrument and select the “Restart Instrument” button on the bottom right of the system tab.



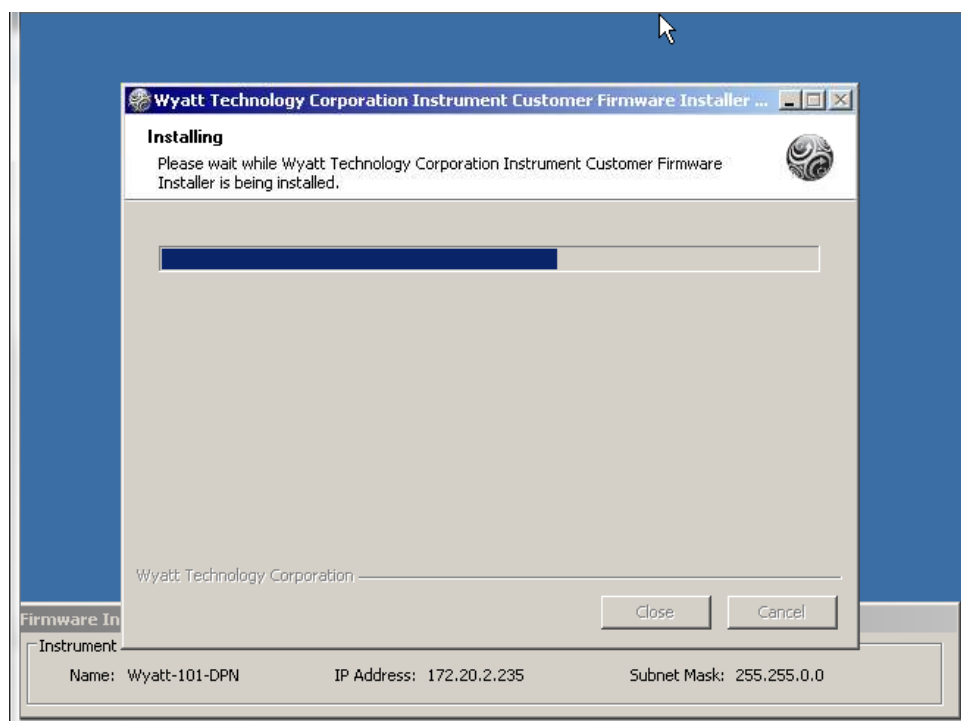
When you hit the Restart Instrument button, a dialogue box will appear. Confirm the restart by selecting “Yes”.



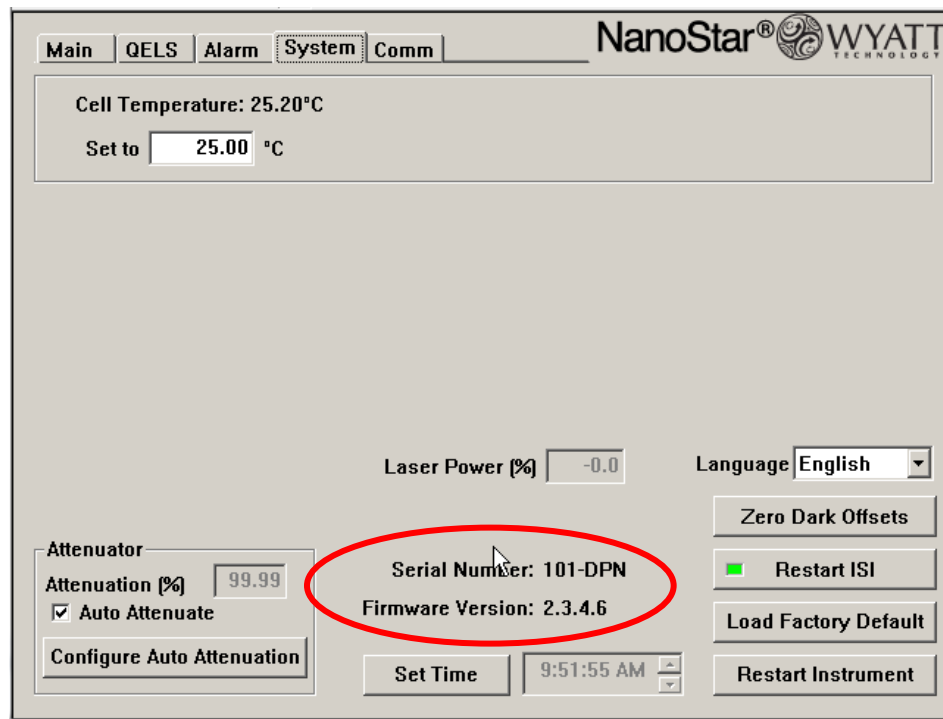
When performing a firmware update, **do NOT use the on/off switch on the front of the instrument to restart it!**



While your instrument reboots, the firmware update installer will run on your instrument.



After the installer has run on your instrument, go to the System tab to confirm that the newest firmware version has been installed.



Please contact Wyatt Technology at support@wyatt.com (in North America) or your local distributor listed at www.wyatt.com/Distributors if you have any questions about this procedure or if you like any assistance with your firmware update.

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