

STarStation 2.3 Installation Quick Guide

PD 035-326



Step1 - Installing STarStation

Ensure that you have administrative access privileges for your local network and Windows operating system before commencing install.

Insert the STarStation Installation CD, wait for the auto boot sequence to display the STarStation Installation Menu.

(If the menu does not appear, start windows explorer (windows button + E) navigate to the CD and right click and select the explore option from the menu and double click the Setup.exe file).

Refer to document *PD 035-327 STarStation Installation Guide* for full installation instructions.

The STarStation installation begins. Accept the default location for the program destination and press **Next** until the Finish Screen is displayed. Tick the option to view the Read Me file and click the Finish button.



Step2 - Installing the Romlock Drivers

Navigate to the **Setups** folder on the STarStation 2.3 installation CD and launch the Romlock setup program (dk2wn32.exe) from the **DESKey Drivers** folder.

When the Romlock drivers begin installing follow the onscreen prompts.

When asked to enter the Client Type select **This machine**.

When the Romlock Drivers installation completes you may be prompted to reboot the PC.



Step3 - Installing the LXR Component

If the Installation is being performed on a system that does not have Luminex IS 2.3 software already installed then the LXR runtime component (which STarStation requires for communication with the system hardware) must be installed.

If installing an Analysis-Only version of STarStation, or if LX service is already installed proceed to step4.

The LXR Runtime installation can be installed via the setup.exe file in the **Setups\LX Runtime Install** folder on the STarStation 2.3 installation cd. Follow the onscreen prompts, entering the default values until the LXR Runtime installation completes. Reboot if necessary.

Step 4 Connect a STarStation System Romlock to the parallel/USB port of the PC connected to the Luminex cytometer.

Step 5 Check the Waste Bottle is Empty and that the cap is vented. Connect the Orange coloured connector to the side of the Luminex cytometer. Connect the Sheath Bottle or Sheath Delivery Device and ensure that they contain Sheath Fluid.

Step 6

Connect one serial connector to the XYP platform P1 port and an available COM port at the back of the PC.

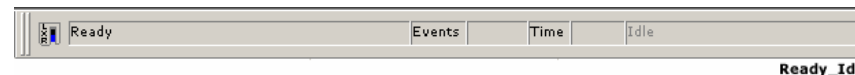
Connect the Canbus connector to the P2 port of the Luminex cytometer and the communication port at the rear of the sheath delivery (SD) system.

Connect the serial-USB connector to the Luminex 100 and to a USB port on the PC.

Note: you may be prompted to install the device drivers for the LX100/LX200 at this stage.

Step 7

Launch STarStation software (confirm that the Romlock is detected correctly.) Login to STarStation and confirm that the Instrument status toolbar displays the STarStation state as **"Ready"** and the Luminex Controller state as **"Idle"**.



If STarStation cannot detect the Instrument and the Luminex is powered on, confirm that LX Service is installed and is running.

Note: Prior to attempting data acquisition for the first time on you **MUST** perform a calibration in order to correctly initialise the LX Service. Also ensure that both the Sample Probe height and Sheath Delivery Pressure have been verified.