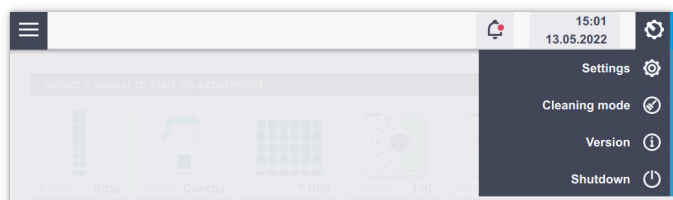


Instructions for Transport of 4D-Nucleofector® 96-well Unit and 4D-Nucleofector® X Unit

Turning off the 4D-Nucleofector® System

A



B

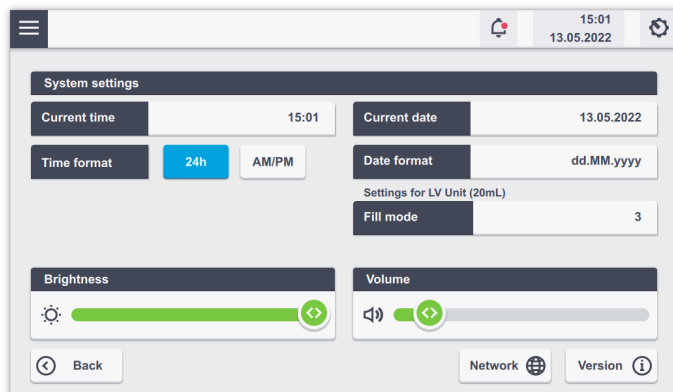


Figure 1: System settings screen (A) dropdown menu after tapping on the gear icon. (B) Settings menu after tapping on "Settings".

For a safe shutdown of the system and protection against damage of interior fragile parts, press the power button at the front of the Core Unit and tap on "Shutdown" on the screen. Alternatively, tap on the "Settings" icon (Figure 1 A) and then select "Shutdown". Both ways, the 4D-Nucleofector® System will shut down and the transportation lock will be applied to secure movable parts of the attached functional units (X, Y or 96-well Unit).

Thereafter, turn off the main power switch at the rear of the Core Unit before relocating or transporting 4D-Nucleofector® Units.

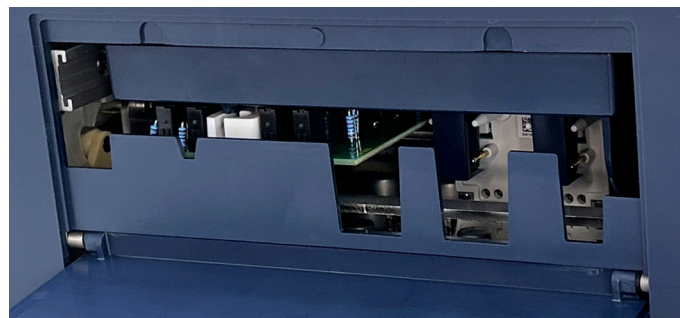
Important Note: A hard shutdown of the system by only pressing the rear power switch of the Core Unit without a previous software shutdown must be avoided as the transportation lock will not be applied and may lead to loss of data.

Instructions for transport and movement of 4D-Nucleofector® Units

For the transport and movement of 4D-Nucleofector® X, and 96-well Units, it is important to ensure that instrument are secured with transport lock, which moves the contacting bridge into a secure position. Otherwise, they may get significantly damaged during transport or movement.

After turning off the system following instructions given, ensure the transportation lock was applied and the power cord is disconnected. By carefully opening the front flap, you can visually check if the instrument is in transportation mode. Figures 2 and 3 show the interiors of X and 96-well Units when they are in transportation mode (Figures 2 A and 3 A) and when the transportation mode is not applied (Figures 2 B and 3 B).

A **Transport Mode Active**

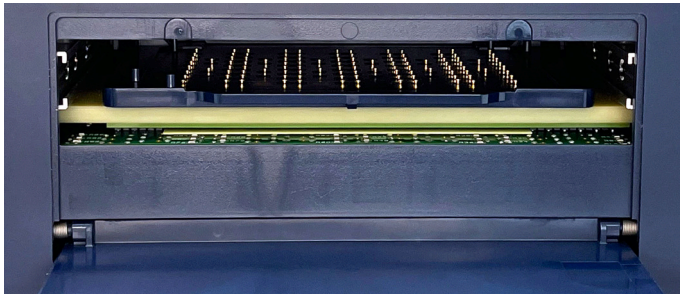


B **Transport Mode Inactive**



Figure 2: Example of 4D-Nucleofector® X Unit (A) in transportation mode and (B) when transportation mode is not applied.

A Transport Mode Active



B Transport Mode Inactive

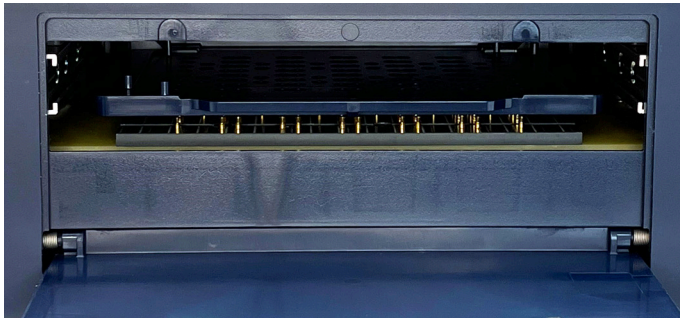


Figure 3: Example of 4D-Nucleofector® 96-well Unit (A) in transportation mode and (B) when transportation mode is not applied.

If the transportation lock cannot be applied to the 4D-Nucleofector® System by turning it off as described, the system should be put into transportation lock manually by following these steps:

1. First, unplug the 4D-Nucleofector® System from the power source.
2. Then, remove the cap of interface cable connection.
3. Insert the hexagon screwdriver supplied with the 4D-Nucleofector® System into opening on the left side from cable socket (see red arrow in Figure 4, B). The position of hexagon screwdriver during manual adjustment of 4D-Nucleofector® System is shown in Figure 5.
4. Turn the screw manually counter-clockwise until the plate-like assembly in the interior of the system does not move upwards anymore and the instrument is in the transportation mode.
5. Now the system is secured with the transportation lock and can be moved or packed into the original boxes for shipment.

Note: If system cannot be put to transportation mode via software or manually as described above, please contact our Scientific Support.

A



B



Figure 4: (A/B) Opening for hexagon screwdriver on the back of 4D-Nucleofector® System.



Figure 5: The position of hexagon screwdriver during manual adjustment of 4D-Nucleofector® System to the transportation mode.

Contact Us

North America

Customer Service: + 1 800 638 8174 (toll free)
order.us@lonza.com
Scientific Support: + 1 800 521 0390 (toll free)
scientific.support@lonza.com

Europe

Customer Service: + 32 87 321 611
order.europe@lonza.com
Scientific Support: + 49 221 99199 400
scientific.support.eu@lonza.com

International

Contact your local Lonza Distributor
Customer Service: + 1 301 898 7025
Fax: + 1 301 845 8291
scientific.support@lonza.com

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Lonza Cologne GmbH – 50829 Cologne Germany

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