

## Technical Solutions

### iXon Ultra Window Cleaning Procedure

#### Equipment required:-

- Nitrile (or powder-free) Gloves
- Methanol
- Lens Tissue
- Forceps (Nylon tip recommended)



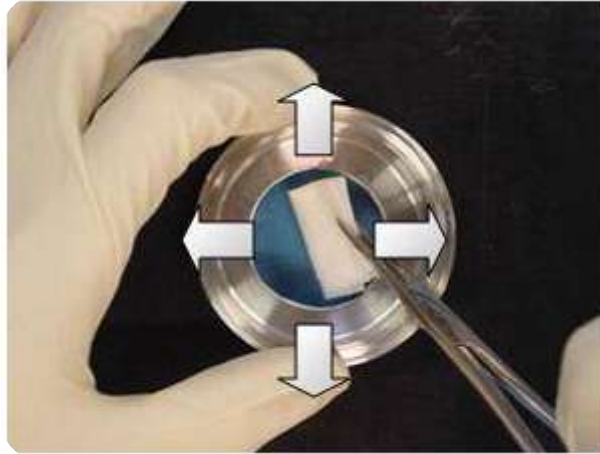
In order to clean the window of an iXon the camera must be powered on with the shutter set to 'permanently open' through the software selection. As light can access the EMCCD sensor during this time, it is recommended that ambient conditions are kept dim and the EM Gain is turned off during cleaning, again readily selectable through the software.

If there appears to be dust on the outer surface of the window then it is possible to clean the window by blowing dry air gently over the window surface. However, if this is insufficient, the following procedure should be carried out.

Wearing a pair of Nitrile (or powder-free) gloves, fold a sheet of lens tissue to roughly twice the width of the forceps. Grip the folded lens tissue with the forceps and apply a few drops of Methanol.



Gently clean the surface of the window, working from the centre of the active area towards the outer edge. Repeat this process until the window is sufficiently clean.



**Note:-** Extreme care should be exercised to ensure that the forceps do not make contact with the window.

If you require further assistance, please contact your local Andor Support Representatives.