

The Glacios microscope interfaces

The microscope console

Location: right in front of you on the desk

Role: it provides direct control of some of the most important microscope parts:

- Magnification
- Electron dose: spot size (C1 lens) and beam spread (C2 lens)
- Focus (objective lens current)
- Stage position (with the joystick and Z buttons)
- Beam position (with the trackball)
- and many other actions through the programmable switches (L/R1-2-3) and Multifunction X/Y knobs.

Gatan DigitalMicrograph (DM)

Location: on the left screen

Role: it controls the K2 direct electron detector

The beginner user will not use it. [The expert user will use it to:](#)

- prepare Dark, linear and counting / Super Resolution gain references.
- measure the dose.
- monitor the K2 health status.
- troubleshoot the system.
- perform cryo-cycle of the detector

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