

The TF20 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 User Interface (DM)

Location: On the left screen

Role: It controls the US10001 Camera.

- the user will use it to :
 - prepare Dark and gain references.
 - during screening, to acquire images in continuous mode.
-

SerialEM User Interface (SEM)

Location: On the right screen

Role: It provides camera/microscope commands to allow the user to screen its grids and setup an automated data collection.

The user will use it to:
The expert user will use it to:

The TEM User Interface (TEM)

Location: On left screen

Role: It controls all the microscope systems.

It is divided into 4 zones:

The beginner user will use it to:

The expert user will use it to:

The FluCam User Interface (FC)

Location: On the right screen

Role: It allows the visualization of the electron beam and the sample image.

The beginner user will use it to:

The expert user will use it to:

From:

<https://bsi.inscog.eu/> - **BSI wiki**

Permanent link:

https://bsi.inscog.eu/doku.php?id=tf20_interface&rev=1679501503

Last update: **2023/11/01 20:16**

