

CEM2 - FEI Tecnai G2 F20 TWIN

Site: Rm. A10, B2, Interdisciplinary Research Building of Science and Technology

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Service: SPA, cryo-Tomography, liposome & polymer, etc

Guidelines for sample grids

- In the TF20 workstation, the position for placing grid box is circular, so the user needs to use a circular grid box.
- Due to the limited operating space of the TF20 workstation, if 3 sample grids will be placed at a time, the user needs to **put all grids into one grid box**, and clearly remark the **sample names** and **placement order**.

As the operating time goes on, more ice crystals will grow, which not only **affects the vacuum status of TF20** but also **makes the sample dirty and is not good for data collection**. In addition, if there are several grid boxes in the same centrifuge tube, it is recommended to **put grid boxes with the higher priority of data collection at the top** for reducing the times that all grid boxes are exposed to air during operation.



TF20 workstation