

JEOL1400 troubleshooter – the camera is slow

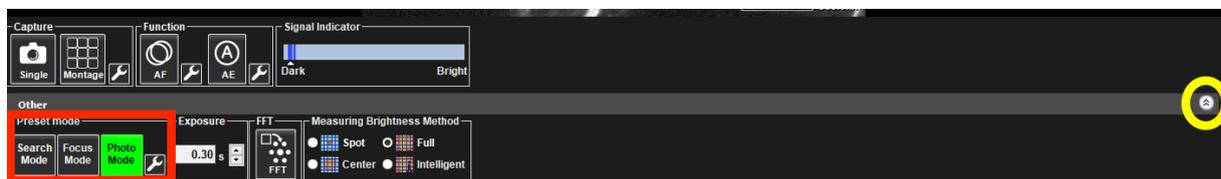
Problem:

The image looks good, but if you move the sample or zoom in, the image refreshes super slowly. On the viewing screen on the TEM itself everything is normal.

Solution:

The camera mode has been switched from “Search Mode” to “Photo Mode”. To switch camera mode:

- On the left TEM center screen, at the bottom below the image on the right, click the little arrows to open the “Other” settings (yellow circle)
- In “Preset Mode” (red square), the “Photo Mode” is selected. Select “Search Mode”
- Click the arrows again to close the “Other” settings



Background information

The software stores two different settings for the camera: a low resolution, fast setting for looking over your sample (“Search Mode”), and a high resolution, slow setting for acquiring high-quality images (“Photo Mode”). Sometimes (I have no idea what the trigger is) the software decides the use the slow, high-resolution setting for browsing.