**Instructions**

1. Switch on the microscope and computer
2. Load all of your slides - make sure they are **CLEAN, flat and pushed all the way to the top left in the slide frame**
3. Start Vslide - **START** online mode
4. Start the scanning software
5. Click **Adv. Mode**
6. Click **Setup** and setup your slides:
   i. Activate and Name each slides to be scanned
   ii. Choose your recommended **pre-scan classifier** under **Classifier**
   iii. Under search window choose **Predefined area**
   iv. Under size choose **Adv. Mode**
   v. Ensure each activated slide has been named, and has the correct classifier selected as described above
   vi. Click **OK**
7. Activate the robotic arm (right click **SF+** in the top right corner of the main screen and choose initialization)
8. Click **Scan**

**Notes / Recommendations:**

For tissue that is transparent except for partially staining (e.g. nDAB staining of neuron sub-populations) choose “Light” settings - these scans may not always be successful but new settings for this tissue are in development.

To use **10x scanning** start **BW Camera Scan** and choose **prescan for 10x Light/Medium/Dark** - everything else is the same as if you were doing 20x scanning.

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**For Best Results**

1. Use SuperFrost Plus slides
2. Use 24 x 60mm coverslips
   
   *(keep the coverslip away from the end of the slide)*
3. DPX mounting for brightfield slides
   
   *(avoid bubbles)*
4. Ensure some tissue / cells are positioned in the lower left corner (black dot)
5. Keep tissue away from the end of the slide and the coverslip edges
   
   *(within the blue rectangle)*

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**QBI Slide Scanners : Brightfield Quick Guide**

- **Name:**
- **Group:**
- **Tissue Staining / Labeling:**
- **Pre-scan Classifier:**
  - **Prescan for 20x Light**
    For very light tissue sections, or tissue sections with only partially staining (e.g. nDAB)
  - **Prescan for 20x Medium**
    For standard stains such as Nissl and H+E
  - **Prescan for 20x Dark**
    For densely stained tissue. Can be used for Nissl and H+E.

**Scan Times:**

- **Prescan:** ~ 1 minute
- **Focus Map:** ~ 5-10 minutes
- **Final Scan:** ~ 10-12 minutes slide

**Scan Times:**

For very light tissue sections, or tissue sections with only partially staining (e.g. nDAB)