

Some technical specifications Jeol 2100 TEM setup @ Faculty of Science Nijmegen:

- 200 KV system (80 -> 200 kv)
- Resolution Point 0.24 nm Lattice 0.14 nm
- High tilt pole piece configuration
- Scanning device
- Bright field and dark field detector
- Standard specimen holder
- Beryllium specimen holder for EDS
- Gatan 927 dual orientation tomography holder
- Gatan 914 High tilt tomography cryo holder
- Gatan 830 Orius SC200 Side mount camera 2048x2048 pixels, 7.4um each
- Gatan 895 ultrascan 4000 bottom mount camera, 4080 x 4080 pixels, 15µm each
- Gatan Digiscan 2
- Bruker Quantax EDS detector large area silicon drift detector (60mm²) for energy dispersive spectroscopy