



Make: FEI, The Netherlands
Model: Tecnai 20 G2 (FEI make)
Resolution: Line-1.8 Å, Point-2.40 Å
Information limit (nm) 0.16
Incorporated with STEM.
Bottom mount CCD Camera (Gatan-make)
TEM magnification range 25 x - 700 kx
TEM point resolution 0.27 nm
TEM line resolution (nm) 0.144

TEM Holders:
Single tilt
Single tilt Low background
Double tilt
Double tilt Low background
STEM HAADF resolution 0.24 nm
STEM magnification range 150 x – 230 Mx
EDS

Detection: Boron to higher (EDAX-make)

Specimen stage: Fully computer-controlled, eucentric side-entry, high stability CompuStage

Sample Preparation: Powders on perforated carbon coated grid
Ceramic sample preparation facility (Ion milling) (BALTEC make)