

Specification	Details
Spatial Resolution	True spatial resolution of 500 nm
Voxel Size	Minimum achievable voxel size of 40 nm
Source Technology	25 W X-ray sealed source
Detector	CCD
Source Voltage Range	30-160 kV
Max Power	25 W
Objectives	0.4X, 4X, 20X
Max Sample Size	Up to 25 kg and 300 mm in diameter
Imaging Capability	Non-destructive 3D X-ray microscopy (micro-CT)
In Situ Imaging	Deben stage is available for characterizing samples under controlled variations
Software	Dragonfly Pro software for sample segmentation and post-processing
Machine Learning	Utilizes machine learning methods for sample analysis and segmentation
Location	Science Initiative Building 1305
Fee	Listed in <u>Rates</u>