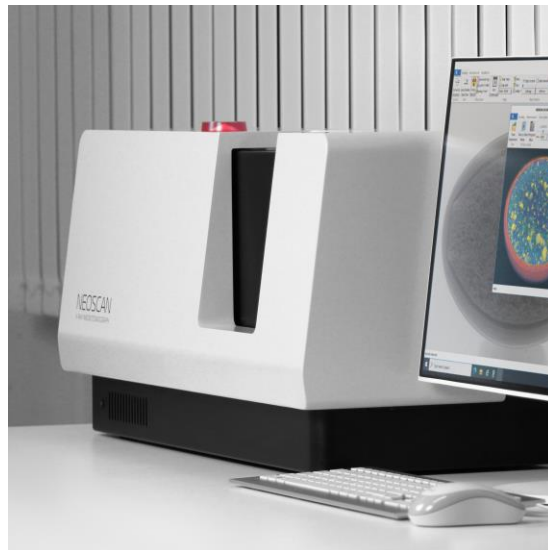


NEO

compact
accessible
microCT



SPECIFICATIONS

GENERAL

Minimal pixel size	3.8 μm
True low-contrast 3D resolution	<8 μm
Maximum scanning diameter	36 mm
Maximum scanning length	60 mm
Maximum physical object length	140 mm
Size (WxDxH mm)	800x310x375
Weight	45 kg

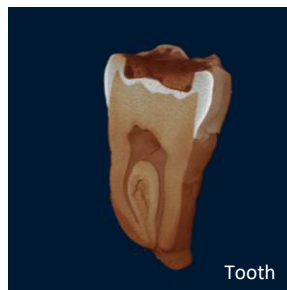
X-RAY SOURCE

Maximum voltage	65 kV
Maximum power	50 W
Smallest spot size	50 μm
Filter changer, number of positions	4

X-RAY CAMERA

Image format	15Mp CMOS
Camera field of view	22 x 13 mm
Artefact suppression method	Active
Protection against radiation damage	Radiation hardened

APPLICATIONS



Neoscan microCT systems are supplied with an in-house developed all-in-one software tool for intuitive scanner control and processing data. From acquisition of a full series of 2D projection images, reconstruction into a 3D volume, to visualization, inspection and GPU-accelerated analysis of this volume in 2D and 3D, the software bundles all complementary steps from sample to result. The Neoscan software package includes an intuitive user interface, which will guide you through your straightforward workflow, allowing to use it instantly. All final and intermediate results are stored in conventional file formats and can be imported to any other software.