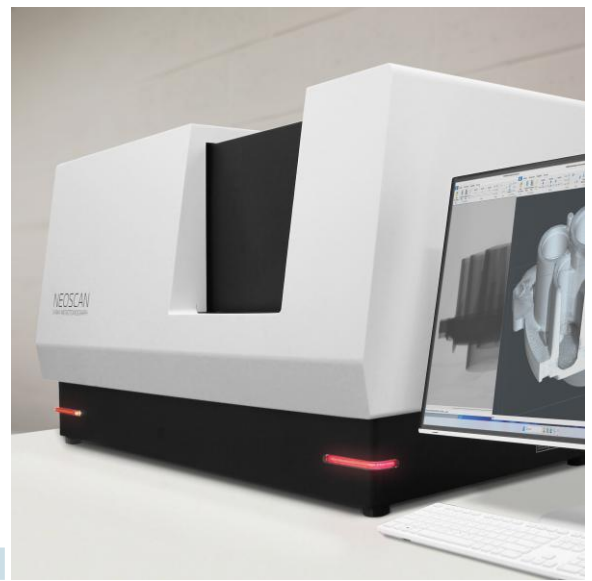


NXL

The Benchtop That Thinks Big



SPECIFICATIONS

GENERAL

Spatial resolution (JIMA/QRM)	5 μ m
Pixel size at max magnification	2.5 μ m
True low-contrast 3D resolution	2 μ m
Maximum scanning size	\varnothing 290 x h 260 mm
Maximum physical object size	\varnothing 330 x h 540 mm
Size (WxDxH)	1200x640x520
Weight	530kg

X-RAY SOURCE

Emitter type	Reflection (sealed)
Maximum voltage	150kV
Maximum power	75W
Smallest spot size	5 μ m
Filter changer, number of positions	8

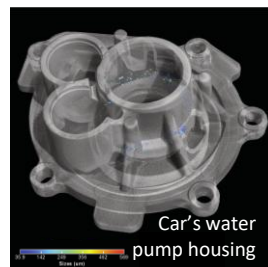
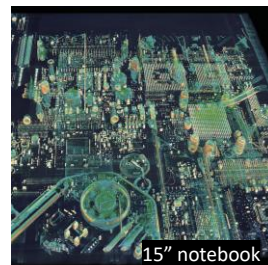
X-RAY CAMERA

Image format	13.5MP Flatpanel
Protection against radiation damage	Radiation hardened

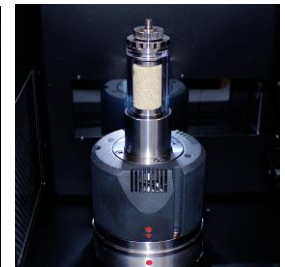
INTEGRATED OPTIONS

Active artefact suppression	
Shielded passthrough	

APPLICATIONS



ACCESSORIES



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.