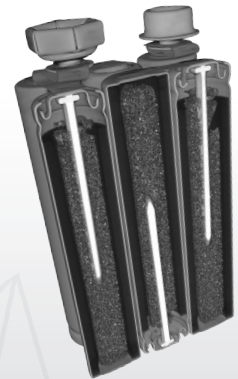# X25 ®

Compact & Efficient

2D Digital Radiography & 3D Computed Tomography

160 kV
max X-ray Energy

>2000x
Geometric Mag

9 in x 9 in
[22 cm x 22 cm] nominal part envelope

Flexibility to Choose

North Star Imaging's team of experts will help you select the best combination of X-ray source and X-ray detector for your application. The X25 is well suited for small to medium sized objects while offering the same features as the larger systems and still maintaining the ability to fit through a standard interior door.

System Capabilities

Geometric Magnification	up to 2000x
Overall Maximum System Resolution	~500 nm

X-Ray Source

Voltage Range	10 kV to 160 kV
Minimum Focal Spot Size	~500nm
X-Ray Tube Types	Nano-focus Micro-focus

X-Ray Detector

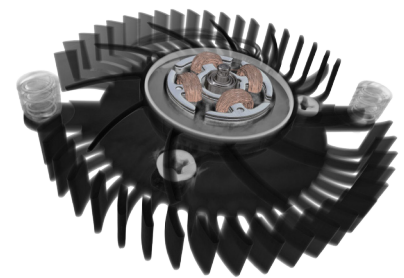| Detector Types	Flat Panel (DDA)
Grade Options	Standard Premium ASTM
Maximum Detector Size	9 in x 11 in [22 cm x 27 cm]

Manipulator

Maximum Sample Weight	25 lb [11 kg] standard
Axis Travel	Vertical: 9 in [22 cm] Horizontal: 6 in [15 cm] Rotation: 360° Continuous
Nominal Part Envelope	Diameter: 9 in [22 cm] Height: 9 in [22 cm]

Cabinet

Width	73 in [185 cm]
Depth	38 in [96 cm]
Height	71 in [180 cm]
Weight	3500 lb [1590 kg]

All cabinets are steel/lead/steel construction that meet or exceed 21 CFR 1020.40 and EN 61010-2-091 2012.

Exact specifications vary depending on tube, detector, and other optional configurations

Contact us for a consultation and quote for your project:

NSI has representatives located throughout Europe, Asia, and many other countries.

Visit us at 4nsi.com or email sales@4nsi.com for more details.

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