



Compact & Efficient X-ray System



2D Digital Radiography & 3D Computed Tomography

160 kV

Maximum X-ray Energy

42 in

[106 cm] Maximum Focal Distance

9 x 10 in

[22 x 25 cm] Nominal Part Envelope

Flexibility to Choose

The X25 is well suited for small to medium sized objects. It offers the same features as our larger systems while being able to fit through a standard size door. North Star Imaging's team of experts will help you select the best system configuration for your application.

System Features

DICONDE	Compliant
Process Controls	Integrated
Advanced Imaging Modalities	SubpiX VorteX MosaiX Ring Reduction
efX Software Suite	Integrated
Motion Control	Integrated
RobotiX Loader	Optional

X-Ray Source

Voltage Range	10–160 kV
Minimum Focal Spot Size	~900 nm
X-Ray Tube Types	Microfocus - Reflection Microfocus - Transmission

X-Ray Detector

Detector Types	Flat Panel (DDA)
Grade Options	Premium Superior (ASTM)
Pixel Pitch	127 µm
Maximum Detector Size	7.68 x 9.6 in [19.5 x 24.4 cm]

Exact specifications vary depending on source, detector, and other optional configurations.

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

Manipulator

Maximum Sample Weight	50 lb [22 kg]
Part Travel	<i>Horizontal</i> 10 in [25 cm] <i>Vertical</i> 12 in [30 cm] <i>Source to Detector</i> 38 in [96 cm] <i>Rotation</i> 360° Continuous
Nominal Part Envelope	9 x 10 in [22 x 25 cm]
Maximum Focal Distance	42 in [106 cm]

Cabinet

Width	84 in [213 cm]
Depth	39 in [99 cm]*
Height	77 in [195 cm]
Weight	5,000 lb [2,268 kg]

*Cabinet can be installed through a 36" standard doorway.

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