

X25[®]

Compact & Efficient X-ray System

NORTH STAR IMAGING



AN ITW COMPANY



2D Digital Radiography & 3D Computed Tomography

160 kV

Maximum X-ray Energy

37 in

[94 cm] Maximum Focal Distance

9 x 6 in

[22 x 15 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 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	25 lb [11 kg]
Part Travel	<i>Horizontal</i> 6 in [15 cm] <i>Vertical</i> 9 in [22 cm] <i>Source to Detector</i> 32 in [86 cm] <i>Rotation</i> 360° Continuous
Nominal Part Envelope	9 x 6 in [22 x 15 cm]
Maximum Focal Distance	37 in [94 cm]

Cabinet

Width	73 in [186 cm]
Depth	37.1 in [94 cm]
Height	71 in [180 cm]
Weight	3,500 lb [1,590 kg]



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