

# X50<sup>®</sup>

## Powerful & Ergonomic

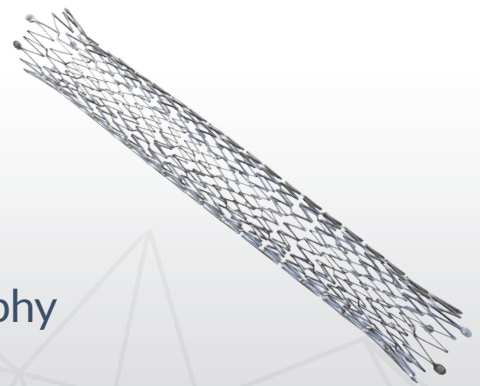


2D Digital Radiography & 3D Computed Tomography

**240 kV**  
max X-ray Energy

**>3000x**  
Geometric Mag

**12 in x 12 in**  
[30 cm x 30 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 X50 is one of NSI's most popular models for electronics, aerospace components and medical devices. It offers an excellent balance of power and space sensitivity.

## System Capabilities

Geometric Magnification	>3000x
Overall Maximum System Resolution	~500 nm

## X-Ray Source

Voltage Range	10 kV to 240 kV
Minimum Focal Spot Size	~500 nm
X-Ray Tube Types	Nano-focus Micro-focus Mini-focus

## X-Ray Detector

Detector Types	Flat Panel (DDA)
Grade Options	Standard Premium ASTM
Maximum Detector Size	16 in x 16 in [40 cm x 40 cm]

## Manipulator

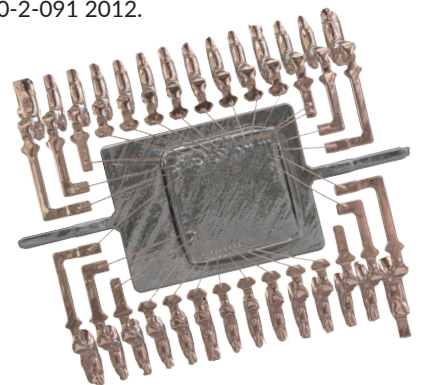
Maximum Sample Weight	25 lb [11 kg] standard
Axis Travel	Vertical: 12 in [30 cm] Horizontal: 12 in [30 cm] Tilt: +20° / -20° Rotation: 360° Continuous
Nominal Part Envelope	Diameter: 12 in [30 cm] Height: 12 in [30 cm]

## Cabinet

	240 kV
Width	87 in [221 cm]
Depth	52 in [132 cm]
Height	79 in [201 cm]
Weight	9500 lb [4300 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:

North Star Imaging Minnesota

PHONE: (763) 463-5650

TOLL FREE: 1-800-635-8392

EMAIL: sales@4nsi.com

4nsi.com

North Star Imaging California

PHONE: (949) 346-1299

EMAIL: scanning.ca@4nsi.com

4nsi.com

North Star Imaging Massachusetts

PHONE: (617) 600-6284

EMAIL: scanning.ma@4nsi.com

4nsi.com

North Star Imaging Europe

PHONE: +33 (0) 1 48 17 02 00

EMAIL: sales.eu@4nsi.com

4nsi.eu

North Star Imaging United Kingdom

PHONE: 07557 034195

EMAIL: sales.uk@4nsi.com

4nsi.eu

North Star Imaging China

PHONE: (86)-18516 332 893

EMAIL: sales.asia@4nsi.com

4nsi.com

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

Visit us at [4nsi.com](http://4nsi.com) or email [sales@4nsi.com](mailto:sales@4nsi.com) for more details.

Copyright © 2017 North Star Imaging, Inc. All rights reserved.