



BLUE STAR

INDUSTRIAL
SOLUTIONS

InspeX Series

Industrial Real-Time Digital Radioscopy



Quick & Reliable X-Ray Inspection

Blue Star Engineering & Electronics offers you an **InspeX series** radiography system which has a smart and utilitarian design engineered to provide users with ease of operation, and faster and reliable inspection with a small footprint. It is offered with proven X-Ray sources, detectors and other key components. The manipulation system and the component clamping table are part of the pragmatic and functionally useful inspection setup with the radiation-shielded cabinet. It comes with an ergonomically designed control desk, a high resolution, and a faster flat panel detector to convert the X-Ray into high-quality images using our 2D acquisition and image processing software.



Wide Application

Steel and Aluminum Castings, steel components, special alloys, ceramics, and plastic suitable for X-Ray inspection in both production and R&D environments with **CT-ready** features



Low Operating Costs

Featuring plug-and-play installation & requiring a very small footprint, the InspeX needs very little maintenance



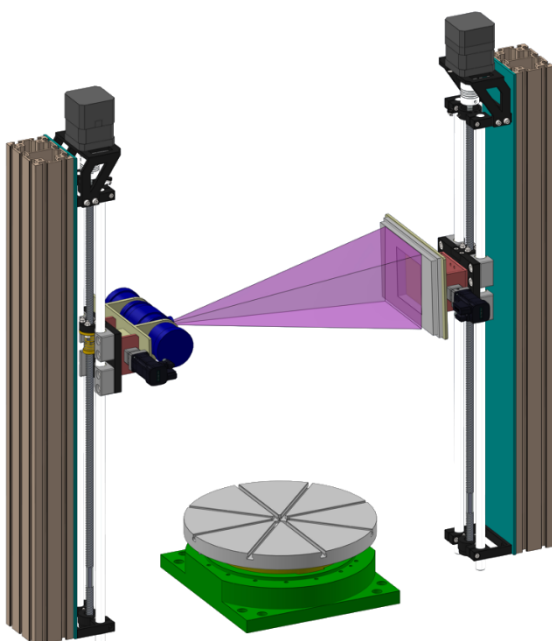
Faster & High-Resolution Inspection

Flat panel detector with a smaller pixel pitch & higher frame rate offers you both fast and high-quality images for your inspection needs

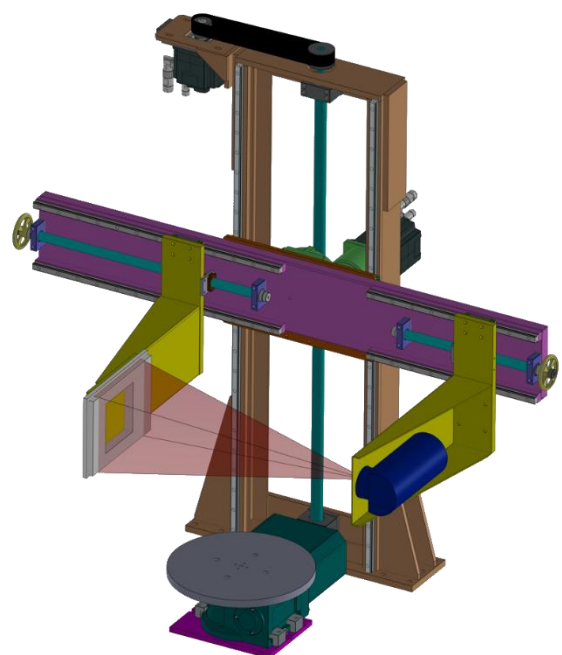


Ease Of Operations

Ergonomically positioned joysticks and control buttons in combo with teach & save for reuse features make the inspection process very easy



InspeX 160 V Manipulator



InspeX 160/225 S Manipulator

Technical Specification

	InspeX Series Models		
Indicators	InspeX 160 V	InspeX 160 S	InspeX 225 S
Max Energy	160KV	160KV	225KV
Dimensions (W x D x H) (mm)	1760 x 1480 x 2230	2000 x 1850 x 2500	2000 x 1850 x 2500
Max Part Load	30kgs	50kgs	50kgs
Max Part size (Dia x Height) (mm)	400 x 400	600 x 900	600 x 900
Rotation Axis	nx360°	nx360°	nx360°
Tilt Axis	±30° Tilt Axis (Turn Table)	±30° Tilt Axis (C-Arm)	±30° Tilt Axis (C-Arm)
Focus Detector Distance	1000mm	User Selectable - 750/1000/1250mm	User Selectable - 750/1000/1250mm
Vertical Travel	700mm (Turn Table)	0 - 1000mm (C-Arm)	0 - 1000mm (C-Arm)
Horizontal Motion, Magnification Axis (Max)	600mm	600mm*	600mm*
Horizontal Motion Across the X-Ray Beam (Max)	600mm*	600mm	600mm
Turn Table	Ø 300mm	Ø 350mm	Ø 350mm
Front Door Motorized Sliding Type (W x H) (mm)	640 x 1210	700 x 1300	700 x 1300
Control Console	Desk Type Control Panel	Desk Type Control Panel	Desk Type Control Panel
Other Features	Lead Glass (300 x 200mm)	Lead Glass (300 x 200mm)	Lead Glass (300 x 200mm)

* Optional additional degree of freedom

**The radiation leakage at 50mm from all the accessible surfaces of the cabinet is less than 1µSv/hr

Additional Information

- InspeX series complies with national and international standards
- Offer customized solutions for special applications in 320KV,450KV and 600KV capacities

Our Services



Technical Support



Customization



Installation



Commissioning



Training



BLUE STAR

**INDUSTRIAL
SOLUTIONS**