

Motion & Control Solutions for Medical Imaging Equipment



Groundbreaking Technology

The medical imaging industry is projected to grow at a rate of 6.8% annually. To keep up with the growth and changes in demand, you'll need to stay on the cutting edge of technology. A key factor in gaining a competitive advantage involves the increasing need to create a pleasant patient experience.

NSK offers specially designed products that are quiet and smooth, keeping you on the forefront of technology and encouraging patients to seek out your products over those supplied by your competitors.

Solutions for a Competitive Edge

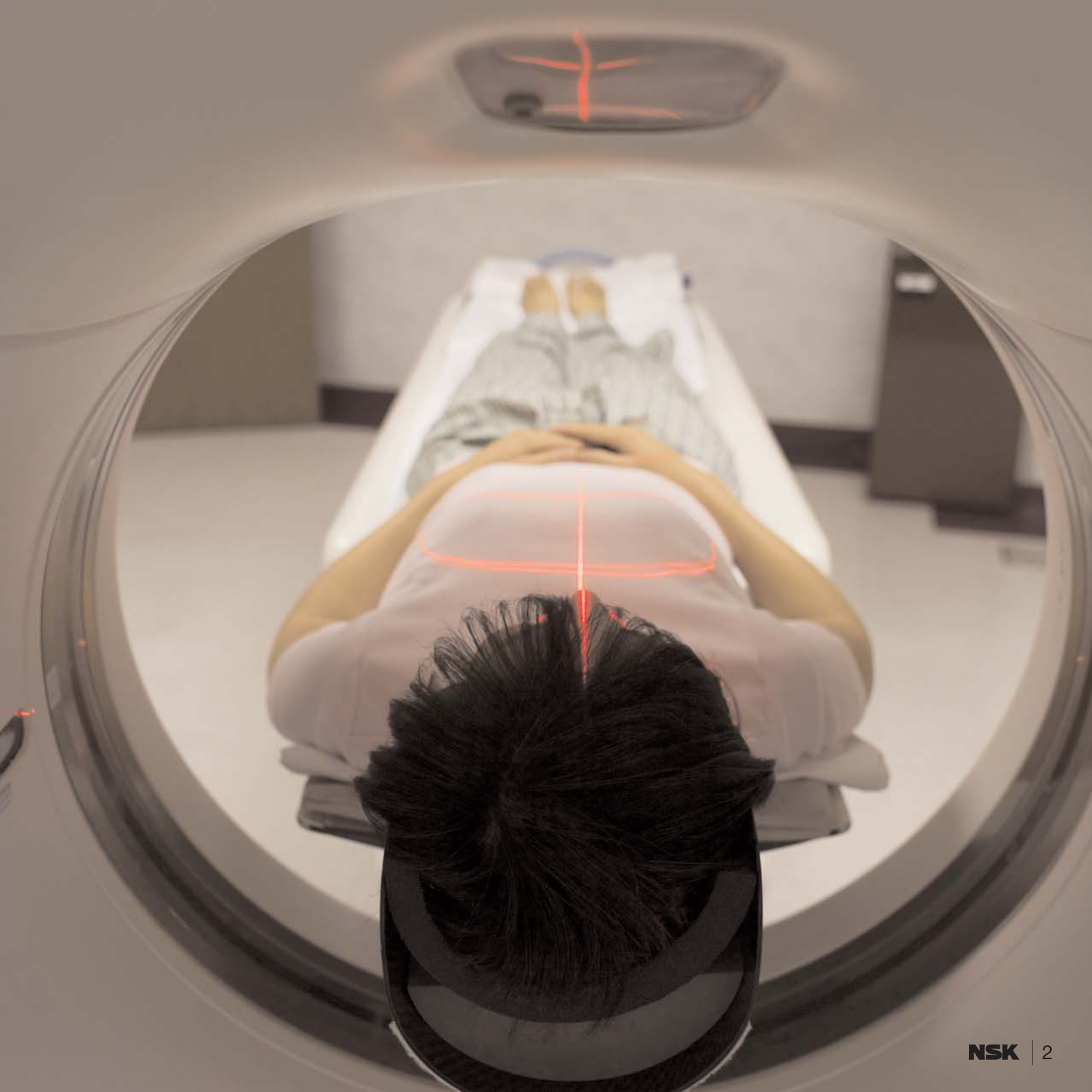
NSK Precision America manufactures innovative linear motion and control products including ball screws, linear guides, linear actuators and direct drive motors. NSK solutions can be incorporated into a variety of applications within the medical imaging industry.

To respond quickly and efficiently to the unique challenges faced by our customers, NSK Precision's manufacturing facilities,

warehouses and sales offices are strategically located around the globe. To ensure you receive world-class support, NSK engineers are available to assist you. Whether we come to your location or assist you over the phone, NSK is committed to providing you with not only the highest quality products, but also the very best engineering support.

NSK...

- is the world's largest ball screw manufacturer
- uses only the highest quality steel to make our products
- engineered the first molded lubrication unit for linear guides and ball screws
- manufactures the world's fastest ball screw
- is a world leader in special environment technology
- has been chosen for the 6th consecutive year as a member of the Dow Jones Sustainability World Index for its economic, social and environmental performance





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Your Needs – NSK Solutions

Need: *To increase your profitability*

Solution: NSK offers the most trustworthy components on the market. Your customers choose your brand because they expect to experience limited downtime due to system breakdowns. By specifying NSK, you will save your customers time and money, gaining a competitive edge in the marketplace while increasing your profitability by reducing the number of costly service calls you must make.

Need: *To create a pleasant patient experience*

Solution: NSK's ball screws and linear guides are designed to significantly reduce noise output when compared to conventional products, while providing exceptionally smooth motion. Your customers' need for smooth and quiet equipment is ever increasing as their patients become more proactive in selecting health-care facilities based on the technology of the facility. By using NSK components, you can offer your customers the most comfortable systems on the market.

Need: *On-time delivery*

Solution: NSK's domestic manufacturing is designed to give us the flexibility to meet your deadlines. If you require fast delivery, a wide inventory of standard products

is available. Often, for applications requiring more customized solutions, stock can be quickly modified to meet your unique needs. By choosing NSK, you will have a supplier that works around the clock to help you provide on-time delivery to your customers.

Need: *Maintenance-free operation*

Solution: NSK's K1™ Lubrication Unit is your lubed-for-life solution, minimizing equipment downtime to reduce the number of service calls you must make. Helping you gain a competitive advantage by lessening your customers' need for maintenance, K1™ Lubrication Units increase the value of your finished product.

Need: *Engineering support*

Solution: By partnering with NSK, you benefit from the world's highest quality products plus the experience and expertise offered by our global network of professionals. Our application engineers will work with you on-site or over the phone to meet your unique needs.

Look to NSK

BSS Series Ball Screw

When you need a ball screw with superior smooth and quiet motion, look to NSK's BSS series ball screw. With noise output reduced by up to 6dB when compared to standard ball screws, the BSS ball screw is ideal for both bed and gantry applications within medical imaging equipment.

RA Series Roller Guide

The RA series roller guide is an ideal match for the medical imaging industry. Its innovative design achieves smooth motion, making for a more pleasant patient experience. This series offers you the industry's highest load capacity to ensure that it lasts the lifetime of your system. With its high rigidity, the RA series gives you unparalleled performance in your bed applications.

K1™ Lubrication Units

NSK's K1™ Lubrication Units offer maintenance-free operation, which can help in reducing the number of service calls you have to make. The units are made from unique porous synthetic resin which holds the supply of lubricating oil, allowing fresh oil to flow onto the rail or shaft with every pass. The built-in seals simultaneously work to contain the oil inside the lubrication units and seal out contaminants to extend operating life.

Whether you're in procurement, engineering or product management, you will discover how easy it is to do business with NSK. From online tools to exceptional customer service and engineering support, NSK is dedicated to acting as your strategic supplier of choice, helping you grow your business and giving you a competitive advantage to increase your market share.

How To...

Contact us and request a quote

- Call a local sales rep, our engineering department or customer service at 1-800-255-4773
- Email info@nskprecision.com
- Visit us online at www.npa.nsk.com and click "contact us"

Download CAD files

- Go online to www.npa.nsk.com and under "technical info", select "CAD files"
- Call Engineering Support at 1-800-255-4773

Download or order catalogs

- Go online to www.npa.nsk.com and under "technical info", select "product catalogs"
 - Choose product category
 - Either download a catalog right to your computer or request that a copy be mailed to you
- Call customer service at 1-800-255-4773

Get more information

- Go to www.nskprecision.com/medimaging

MOTION & CONTROL
NSK

NSK AMERICAS

NSK Corporation (HQ for North, South & Latin America) Ann Arbor, Michigan, USA	www.us.nsk.com tel: 734-913-7500
NSK Argentina SRL Buenos Aires, Argentina	www.br.nsk.com tel: 011-4762-6556
NSK Brazil Ltda. Sao Paulo, Brazil	www.br.nsk.com tel: 011-3269-4700
NSK Canada Inc. Toronto, Ontario, Canada	www.ca.nsk.com tel: 905-890-0740
NSK Rodamientos Mexicana, S.A. de C.V. Mexico City, Mexico	www.mx.nsk.com tel: 5-301-2741
NSK American Technical Center Ann Arbor, Michigan, USA	www.tec.nsk.com tel: 734-913-7500
NSK Precision America, Inc. Franklin, Indiana, USA	www.npa.nsk.com tel: 317-738-5038
NSK Steering Systems America Bennington, Vermont, USA	www.nastech.nsk.com tel: 802-442-5448
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