One Partner. Multiple Options.

Want more precise positioning for greater image accuracy? Think Parker. Our deep technology expertise can help generate better clinical images, reducing project development time and cost while minimizing the need for multiple suppliers.

From industry-leading motors, drives and actuators to optical display products, thermal management materials and cooling systems, our complete range of high performance products – along with our ability to customize by application – make us a reliable, single-source partner for imaging equipment OEMs, delivering:

- Unique motion control innovation – the result of ongoing, customer-focused product development initiatives
- Advances that are smaller, lighter, more energy efficient, and highly reliable
- State-of-the-art precision cooling to protect equipment

Early collaboration with Parker, the world leader in motion and control, sparks innovation and efficiency. What’s more, our global footprint gives you access to an integrated, worldwide network of manufacturing plants, sales and service.

Innovative Solutions for:
- X-ray
- Computerized Axial Tomography (CT)
- Nuclear imaging (SPECT and PET)
- Magnetic Resonance Imaging (MRI)
- Ultrasound

Parker Capabilities:
- Custom components and assemblies
- Integrated solutions
- Material science expertise
- Logistics management: globally and locally

ADVANCED DIAGNOSTIC IMAGING SOLUTIONS
For positioning, shielding and thermal management
Proven solutions for diagnostic imaging equipment

A financially stable and globally connected collaborative partner, Parker has been adding value to diagnostic imaging for years and is trusted by leading equipment manufacturers.

Parvex AXEM Series Motor
Disk rotor DC servo used in positioning X-ray sources.
• X-ray

Parvex RS, RX Series Motors
DC servomotors used in positioning imaging sources.
• X-ray
• CT
• Nuclear imaging
• MRI

R7 Linear Servo Motor
Used to position patient couch assembly.
• X-ray
• CT
• Nuclear imaging
• MRI

HPLA Rodless Belt Actuator
Positions gantry on floor and ceiling-mounted apparatus.
• X-ray
• CT
• Nuclear imaging

NS and FS Series Fittings
Used in cooling circuits for X-ray tubes.
• X-ray
• CT

Push-Lok® 801 Series Hose Assemblies
Heat exchanger circuit for X-ray tubes.
• X-ray
• CT

EHA Electro-hydraulic Actuator
Patient couch lift and horizontal axes.
• X-ray
• CT
• Nuclear imaging
• MRI

Drive Block Sensorless Drive
Amplifier powers gantry rotation.
• CT
• Nuclear imaging
• MRI
• Ultrasound

Integrated Display Solutions
Optical windows and materials for EMI/RFI shielded touchscreens.
• CT
• Nuclear imaging
• MRI
• Ultrasound

Thermal Management Materials
Effective removal of heat from semiconductors and PCBs.
• CT
• Nuclear imaging
• MRI
• Ultrasound

Series 9 Solenoid Valves
Two-way and three-way valves used in radionucleotide production for PET/SPECT applications.
• Nuclear imaging

Moldmate Series Quick Couplings
Used in chiller circuit on RF amplifiers.
• MRI

FF/FEM Non-Spill Quick Couplings
Used in chiller circuit on RF amplifiers.
• MRI

Contact Information:
Parker Hannifin Corporation
6035 Parkland Boulevard
Cleveland, Ohio 44124

Email: diagnostics@parker.com
www.parker.com/diagnostics

INNOVATION IN ACTION: Hyperchill Precision Cooling

High heat loads reduce the life and availability of diagnostic equipment. Parker Hyperchill chillers are the ideal solution to extend the life of CT/PET and MRI equipment. Hyperchill products accurately cool the MRI superconducting magnets and CT/PET scan heads.

These compact Hyperchill chillers have proven to be extremely durable, with flawless performance for increased efficiency and excellent reliability. Their closed water temperature operation provides high working limits and low running costs. User adjustable operating parameters make them adaptable to a variety of conditions.