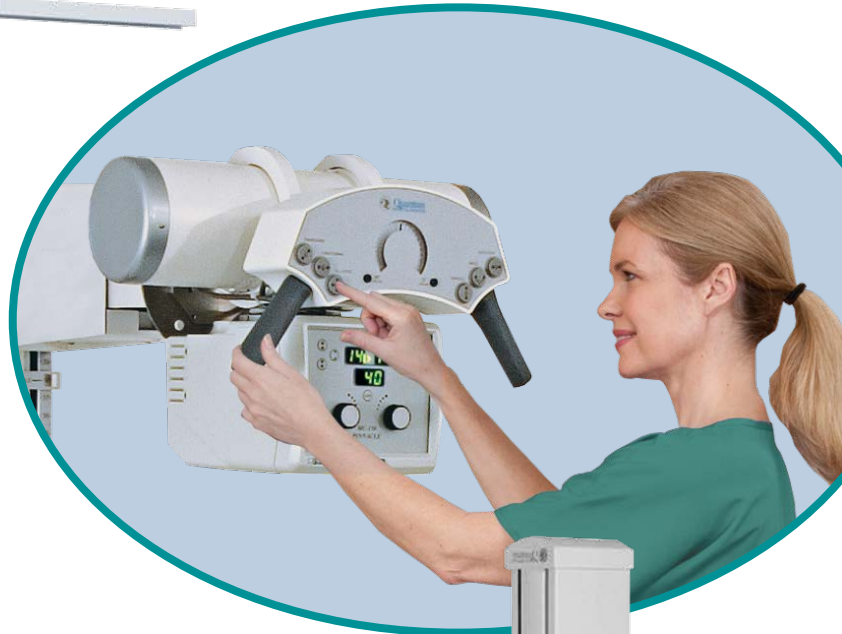


RAD-X SYSTEMS

High-Frequency Radiographic Imaging



Quantum Systems integrates high-quality materials for robust construction and advanced electronic solutions for optimal performance. Intelligent product design, rigorous manufacturing standards and a commitment to evolving technologies assure long-term system value, customer satisfaction and a safe operating environment. The Quantum RAD-X line of High-Frequency Radiographic Imaging Systems offers great flexibility and provides exceptional imaging capability at cost-effective pricing.

ULTRA-HIGH-FREQUENCY TECHNOLOGY

Our state-of-the-art line of ultra-high-frequency generators delivers near-constant potential power for optimal imaging. Utilizing the most advanced electronic and software technologies, these X-ray generators provide significant advantages:

- Reduced Patient Dose
- Exceptional Image Quality
- Shorter Exposure Times
- Greater Efficiency/Extended Tube Life

All Quantum generators are standard with Anatomical Programming Radiology (APR), specifically designed for routine and specialty views. An easy menu-driven process produces superb images with minimal operator intervention, allowing the attention and focus to remain on patient safety and comfort.



The Quantum Gold Star Network

An exclusive worldwide dealer network provides factory-authorized sales and service for all Quantum Medical Imaging systems. These authorized Dealer representatives are members of The Quantum Gold Star Network, an affiliation of select professionals around the world who have been recognized for excellence in technical support and customer service.

RAD-X radiographic systems from Quantum redefine the science of imaging technology for today's demanding environment.



QS-500 SERIES TUBESTAND

The Quantum QS-500 Series Tubestand is ideal for use in imaging centers, private offices and hospitals. Responsive and smooth, the tubestand is easily positioned using the stylized operator handgrip with dual soft-grip handles. Fingertip controls, conveniently located on both sides of the handgrip, permit easy access to multifunction lock-release switches for adjustment of longitudinal, vertical and tube angulation. A convenient ALL LOCKS switch allows quick and easy repositioning of the tubestand through its simultaneous release of all locks. The handgrip also includes an easy-to-read angulation display for accurate indication of tube rotation and LED indicators to verify the SID.

This advanced tube-support column incorporates protective features such as integral counterbalancing and a FAIL-SAFE* electromagnetic vertical braking system. These ensure accurate positioning, enhanced ease of use and safe operation. Extensive vertical travel facilitates proper positioning for skull through weight-bearing examinations. The tubehead assembly provides various angulations with detent positions for complete coverage of all radiology exams.



QS-510 Handgrip with Optional Selectable Collimator (R40-S).

Radiographic Imaging



VERTI-Q VERTICAL WALLSTAND

Contemporary yet highly functional, the Quantum VERTI-Q Vertical Wallstand is designed with the technologist in mind. A single-column structure, the VERTI-Q is durable, easy to use and incorporates careful attention to detail. Operator safety and control are reinforced through integral counter-balancing and a FAIL-SAFE* electromagnetic vertical braking system. Extensive vertical travel enables great flexibility for skull through weight-bearing examinations. The VERTI-Q features Quantum's exclusive EZ-Glide hand control for simple, effortless adjustment of the image receptor. Available for use with either 14"x17" or 14"x36" maximum cassette sizes, the VERTI-Q can be matched with multi-speed reciprocating buckies or fixed-grid cabinets. An optional 8" extension bracket simplifies seated examinations.



Weight-bearing studies with central X-ray beam only 13.75" above floor.



FLOAT-TOP RADIOGRAPHIC TABLE (QT-740)

This enclosed-style table features float-top controls for precise positioning of patients. The spacious length and width, combined with its 650-lb. patient weight capacity makes the QT-740 the perfect table for imaging a wide variety of patients. The QT-740 is constructed of sturdy welded steel and will provide years of dependable service.



RADIOGRAPHIC ENCLOSED FIXED TABLE (QT-730)

Versatile in its design and application, Quantum's Enclosed Fixed Table provides a spacious platform for a wide variety of radiographic examinations. The low-absorption, flat-table surface design simplifies easy patient transfer, and has a capacity of up to 650 lbs. Precision-bearing tracks enable effortless adjustment of the image receptor throughout the entire length of the table. A quick-release locking lever secures image-receptor positioning. Constructed of welded steel with a powder-coated finish, the table is impact-resistant for long-term use and value.



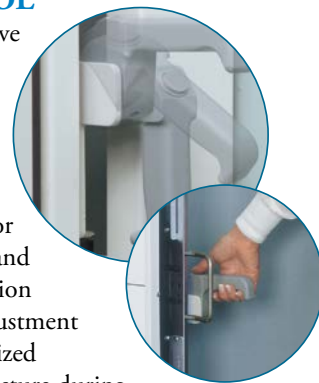
MOBILE RADIOGRAPHIC TABLE (QT-710)

The Quantum Mobile Radiographic Table is ideal for supine radiographs. Large caster wheels provide smooth table movement and maintain table stability when locked.



EZ-GLIDE HAND CONTROL

The VERTI-Q integrates our exclusive EZ-Glide hand control, which is ergonomically designed to allow operator adjustment from a comfortable standing position with minimal effort. By actually pivoting 105° on its axis during image receptor vertical movements, the EZ-Glide hand control minimizes the repetitive motion required for continuous receptor adjustment by the operator. The result is maximized operator efficiency and optimized posture during receptor positioning.



**Our FAIL-SAFE electromagnetic braking system: utilizes advanced solenoid locks, which remain engaged at all times – unless released by the operator, thereby ensuring a safe working environment.*

TUBESTAND – QS-508 and QS-510

- Floor/ceiling design with either 8' or 10' tracks (floor/wall mounting available)
- Operator control handgrip includes:
 - Multifunction fingertip controls for all tubestand movement (vertical, horizontal and angulation)
 - ALL-LOCKS release switch
 - Source-to-image distance indicators – (LED type)
 - Easy-to-read angulation display for tube rotation
- Integral system counterbalancing
- Electromagnetic locks for horizontal and angulation movements
- Tube angulation of +/- 135°, with detents at +/- 90° and 0°
- FAIL-SAFE electromagnetic vertical braking system
- Optional transverse-tube arm assembly (QS-50T)
- Optional Rotating Column Base Assembly +/- 180° (QS-50R)

VERTI-Q VERTICAL WALLSTAND: QW-420

- Exclusive EZ-Glide hand control for vertical travel
- Low-absorption front cover with centering line and cassette indicators
- Patient chin rest
- Integral system counterbalancing
- Vertical travel: 60.5" (154 cm)
- Minimum Floor-to-Focus distance of 13.75" (35 cm)
- Fail-safe electromagnetic vertical braking system
- Cassette sizes of up to 14"x17" (35 x 43 cm)
- Optional 8" extension bracket (QW-EX8)

VERTI-Q VERTICAL WALLSTAND: QW-421

- Specifications are same as above, with the exception of:
 - Cassette size varying to 14"x36" (35 x 91 cm)
 - Vertical travel: 42" (107 cm)

NOTE: Please order all Verti-Q receptors as either Left- or Right-Hand Load.

RADIOGRAPHIC ENCLOSED FIXED TABLE: QT-730

- Enclosed front and sides
- Stationary Top
- Precision-bearing tracks with quick-release locking mechanism for receptor travel
- Length: 74" (188 cm)
- Width: 28" (71 cm)
- Height: 31.75" (81 cm)
- Patient-weight capacity: 650 lbs. (295 kg)

FLOAT-TOP RADIOGRAPHIC TABLE: QT-740

- Patient-weight capacity 650 lbs. (295 kg)
- Length: 85" (216 cm); with 32" (82 cm) of longitudinal travel
- Width: 35.5" (90 cm); with 10" (25 cm) of transverse travel
- Flat-top design for easy patient transfer and low-absorption material for easy cleaning
- Recessed foot switches for all table movements, with float-top hand-control switch
- Adjustable patient handgrips along concealed accessory rails

MOBILE RADIOGRAPHIC TABLE: QT-710

- Large casters with individual locks
- Two sets of operator positioning handles
- Length: 74" (188 cm)
- Width: 28" (71 cm)
- Height: 31.75" (81 cm)
- Patient-weight capacity: 650 lbs. (295 kg)

COLLIMATOR: MANUAL: R40-MP

- Manual adjustment for square or rectangular pattern
- Swivel mount allowing 360° rotation, with 90° and 0° detents
- Laser light for precise cassette centering

