Specifications

TUBESTAND – QS-508 and QS-510
- Floor/ceiling design with either 8’ or 10’ tracks (floor/wall mounting available)
- Operator control hand grip includes:
  - Multi-function, finger-tip controls for all tube stand 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 Rotational Column Base Assembly +/- 180° (QS-50R)

VERTI-Q VERTICAL WALL STAND: 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 Focal-to-Focus distance of 13.75" (35 cm)
- Fail-safe electromagnetic vertical braking system
- Accepts cassette sizes of up to 14" x 17" (35 x 43 cm)
- Optional 8" extension bracket (QW-EX8)

VERTI-Q VERTICAL WALL STAND: QW-421
- Specifications are same as above, with exceptions of:
  - Cassette size varying to 14" x 36" (35 x 91 cm)
  - Vertical travel: 42" (107 cm)

NOTE: Verti-Q receptors can be ordered either Left or Right Hand Load. Specify with Order

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" (91 cm), with 10" (25 cm) of transverse travel
- Flat-top design for easy patient transfer and low absorption material for easy cleaning
- Reversable foot switches for all table movements, with float-top hand control switch

MOBILE RADIOGRAPHIC TABLE: QT-710
- Large caster 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

NOTE: Verti-Q receptors can be ordered either Left or Right Hand Load. Specify with Order.
CORPORATE OVERVIEW
Quantum Medical Imaging is a worldwide leader in the design and manufacture of medical radiographic equipment for hospitals and imaging centers. The company’s mission is to provide radiologists and technologists with the most advanced imaging systems, for the performance of high quality diagnostic x-rays.

All Quantum systems have been developed to utilize the newest technologies and materials. From the product design stage through manufacturing, Quantum systems integrate high quality materials for robust construction and advanced electronic solutions for optimal performance. Intelligent product design, rigorous manufacturing standards and a commitment to evolving manufacturing, Quantum systems integrate 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
Quantum’s state-of-the-art line of Ultra High Frequency generators deliver 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.

Q5-500 SERIES TUBESTAND
Quantum’s Q5-500 Series Tubestand is ideal for use in imaging centers, private offices and hospitals. Responsive and smooth, the tube stand is easily positioned using the stylized operator hand grip with dual soft-grip handles. Finger tip controls, conveniently located on both sides of the hand grip, permit easy access to multi-function lock release switches, for adjustment of longitudinal, vertical and tube angulation. A convenient “ALL LOCKS” switch allows quick and easy repositioning of the tube stand, through its simultaneous release of all locks. The hand grip 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 FAILSAFE® electromagnetic vertical braking system. These attributes ensure accurate positioning, enhanced ease of use and safe operation. Extensive vertical travel facilitates proper positioning for skull through weight bearing examinations. The tube head assembly provides various angulations with detent positions for complete coverage of all radiology exams.

VERTI-Q VERTICAL WALL STAND
Contemporary yet highly functional, the Quantum VERTI-Q Vertical Wall Stand was designed with the technologist in mind. A single-columned structure, the VERTI-Q is durable, easy to use and incorporates careful attention to detail and design. Operator safety and control is reinforced through integral counter-balancing and a FAILSAFE® 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 13” x 17” or 14” x 36” maximum cassette sizes, the VERTI-Q can be matched with multi-speed reciprocating buckies or fixed grid cabinets. An optional 8-inch extension bracket simplifies seated examinations.

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

The Quantum mobile radiographic table is ideal for the performance of supine radiographs. Large caster wheels provide smooth table movement and maintain table stability when locked.

MOBILE RADIOGRAPHIC TABLE (QT-710)
The Quantum mobile radiographic table is ideal for the performance of supine radiographs. Large caster wheels provide smooth table movement and maintain table stability when locked.

EZ-GLIDE HAND CONTROL
The VERTI-Q integrates Quantum’s 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.

RAD-X radiographic systems from Quantum Medical Imaging redefine the science of imaging technology for today’s demanding environment.
Specifications

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  - Multi-function, fingertip controls for all tube stand movement (vertical, horizontal and angulation)
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• 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 floor-top hand control switch
• Adjustable patient hand grips along concealed accessory rails

MOBILE RADIOGRAPHIC TABLE: QT-710
• Large cassettes 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

NOTE:
1. ADD 8” (20 cm) FOR OPTIONAL LOWER EXTENSION PIECE.
2. THIS DIMENSION CHANGES 24.75” (63 cm) WITH DRY CASKET.
3. RECEPTOR TOP DEPENDS ON GT-730 OR GT-740.
4. APPROXIMATELY 2” (5 cm) SHORTER DUE TO ELONGATED DESIGN.
5. MOUNTING POINTS MUST WITHSTAND APPROX. 1000 LB. (453.6 kg) FULL WEIGHT, AS SHOWN (GT-730).
6. DRY TRACK MUST WITHSTAND APPROX. 1000 LB. (453.6 kg) FULL WEIGHT.
7. CONSULT FACTORY FOR RECOMMENDED EXTENSION DIMENSIONS WITH A GT-740 TABLE.