Q-Rad floor-mounted systems are the ideal choice for the busy imaging center, orthopedic facility or hospital. The advanced features and unique design aspects of the system allow the technologist to fully concentrate on the patient during the examination.

Lateral Cassette Holder (LCH) is available to assist with cross table exams.
DELUXE FLOOR-MOUNTED TUBESTAND (QS-550)

The versatility of the QS-550 Deluxe tubestand provides extended freedom of movement of the tube assembly, allowing for a wide array of examinations. Tubestand positioning is controlled through a series of accessible fingertip switches on the operator hand control. A single switch releases all tubestand locks for multi-directional adjustments. An easy-to-read indicator displays system position.

Expansive longitudinal and transverse travel, column rotation (± 90°), tube angulation (±135°), and trunnion rotation (±45°/-20°), assure complete radiographic coverage. Even the most challenging views, such as weight-bearing, cross-table and off-table studies are simplified through the system’s generous range of motion and flexibility.

"QUIET-LIFT" ELEVATING FLOAT-TOP TABLE (QT-750)

Quantum's revolutionary design of the “QUIET-LIFT” Elevating Float-Top Table, provides a number of innovative features. With a patient weight capacity of 650 Lbs and an extra-wide design, the table is able to support the full range of patient types comfortably. Additionally, its FAIL-SAFE electromagnetic breaking system and collision-avoidance electronics ensures patient and operator safety. The table lowers easily to accommodate a variety of stretcher and wheelchair patients. Quantum’s QT-740 Series table has all the same key features with the exception of table elevation.

MOTORIZED SERVO-DRIVE FLOOR MOUNT (QS-550-MAC), with “Q-TRACK” Technology

Q-Rad Floor Systems are available with SERVO-DRIVE and “Q-TRACK” technology, which provides motorized synchronization between the central beam of the x-ray and the center of the image receptor, keeping them in alignment. This feature allows the technologist to save time and effort, by eliminating the need to constantly align the tubestand to the wall bucky, while ensuring a greater precision. “Q-TRACK” also automatically maintains the proper SID with the elevating table during vertical adjustments.

VERTI-Q VERTICAL WALL STAND (QW-420)

Standing examinations are easily accomplished with Quantum's VERTI-Q Vertical Wall Stand, due to the extensive range of vertical travel.
**Q-Rad System Flexibility/Options**

**“VERTI-Q” WALL STAND (QW-420)**
Quantum’s Vertical Wall Stand, VERTI-Q, is a stylized, single-column structure with an attractive receptor enclosure. The low-absorption front cover includes cassette centering lines and AEC chamber indicators for precise patient positioning. The VERTI-Q can be matched with multi-speed reciprocating buckies, automatic cassette loading systems,, fixed grids, or digital receptors.

A FAIL-SAFE electromagnetic braking system with integral counterbalancing ensures patient safety and ease of use.

A wide variety of patient exams are possible with the VERTI-Q Wall Stand: Extensive vertical travel from 13.75” minimal focal spot-to-floor distance for weight bearing knees on pediatric patients, up to 74.25” for upright exams on adults.

**“VERTI-Q TILT” VERTICAL WALL STAND (QW-420-T)**
Quantum’s motorized tilting wall stand has an adjustable receptor range of 90° to -15°. The receptor tilt movement is motorized through the use of a convenient remote control switch. Automatic stops are provided at -15°, 0°, and 90°.

**“VERTI-Q SIDE MOUNT” VERTICAL WALL STAND (QW-420-S)**
This side mounted wall stand incorporates a space saving design for installation in rooms where space may be limited.

**“EZ-GLIDE” HAND CONTROL**
All VERTI-Q Wall Stands integrate 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 on its axis (+105°), the EZ-Glide hand control maximizes technologist efficiency and comfort during vertical adjustment of the image receptor.

**“VERTI-Q 14 X 36” VERTICAL WALL STAND (QW-421)**
This wall stand facilitates long leg and scoliosis examinations, using a 14” X 36” cassette. It also allows the use of all standard cassette sizes.
**Q-Rad System Specifications**

**Q-Rad Ceiling Systems**

"CMT" Ceiling Mounted Tube Support: RS-580
- Telescopic column with Vertical travel: 59” (150 cm)
- Longitudinal travel: 140” (356 cm) with rail length of 14’ (4.25 meters)
- Tube rotation about Vertical axis: +154°/–182°, detents at 0° and ±90°
- Tube rotation about Horizontal axis: ±120°, detents at 0° and ±90°
- Operator Handgrips with digital display, dual “All Lock” release switch in grips
- Cable concealment and management system

Motorized (SERVO) Ceiling Mounted Tube Support: RS-580-MAC
- Same as RS-580, but includes “MOTORIZED” Vertical Drive Movement and SERVO Tracking

**Q-Rad Floor Systems**

"QUIET-LIFT" Elevating / Float Top Radiographic Table: QT-750
- Patient weight capacity: 650 lb (295.5 kg)
- Elevating Range: 21” - 32.5” (53 - 83 cm)
- Collision avoidance electronics with built-in table sensors
- Table Length: 85” (216 cm); with 32” (82 cm) of longitudinal travel
- Tabletop Width: 85” (216 cm); with 32” (82 cm) of transverse travel
- Tabletop Design: Extra Wide, for large patient comfort
- Flat top design for easy patient transfer and cleaning with low absorption material
- FAIL-SAFE electromagnetic braking system for safety
- Recessed foot switches for all table movements, with safety lock-out control switch
- Float-top multi-function hand control switch, adjustable position (for elevation and float control)
- Adjustable patient handgrips along concealed accessory rails
- Options: Compression Band (R90-CB) and Lateral Cassette Holder (QT-LCH)

"VERTI-Q" Vertical Wall Stand: QW-420
- Vertical Travel: 60.5” (154 cm)
- Minimum Focal Spot-to-Floor Distance: 13.75” (35 cm)
- “EZ-Glide” Hand control, grip rotates +105° for comfort
- Enclosed receptor frame with patient chin rest
- Low absorption front cover material with cassette and AEC Indicators
- FAIL-SAFE electromagnetic braking system with integral counterbalancing
  - Options: Patient “Side Mounted” Grips (QW-HG20)
  - Patient “Overhead” Grip (QW-HG30)
  - Extension kit (QW-EX8)
  - Available as side-mounted stand (space saving): QW-420-S
  - Available with motorized tilting feature (+90°/-15°): QW-420-T
  - Available for 14” x 36” cassette size: QW-421

"CMT" Ceiling Mounted Tube Support: RS-580
- Telescopic column with Vertical travel: 59” (150 cm)
- Longitudinal travel: 140” (356 cm) with rail length of 14’ (4.25 meters)
- Tube rotation about Vertical axis: +154°/–182°, detents at 0° and ±90°
- Tube rotation about Horizontal axis: ±120°, detents at 0° and ±90°
- Operator Handgrips with digital display, dual “All Lock” release switch in grips
- Cable concealment and management system

Motorized (SERVO) Ceiling Mounted Tube Support: RS-580-MAC
- Same as RS-580, but includes “MOTORIZED” Vertical Drive Movement and SERVO Tracking

Deluxe Floor Mounted Tubestand: QS-550
- 10 ft. long tracks with 98” (249 cm) of longitudinal travel
- Deluxe Handgrips: multi-function with fingertip controls for all motions
- All-Locks release switch and auto-stop sensors for horizontal and vertical positioning
- Vertical Travel: 60.5” (154 cm), minimum floor to focus distance of 13.75” (35 cm)
- FAIL-SAFE electromagnetic braking system and integral counterbalancing
- Column Rotation: ±180°, Transverse Arm: 10” (25 cm)
- Tube angulations: ±35° with detents at 0° and ±90°
- Cable concealment and management system

* Available with Trunnion mount (QS-55T) which allows for the tube head rotation +45°/-20° with dual angle guide

Specifications subject to change without prior notice.