

"VERTI-Q Digital" Radiographic Wall Stand Series

Quantum's "VERTI-Q DIGITAL" Series of Radiographic Wall Stands are specially designed to meet the unique needs of the Direct Digital Imaging (DR) system solutions. The various models offered address the facility's particular needs for patient positioning procedures.

"VERTI-Q TILT" (QW-420-TD)

The "VERTI-Q TILT" is a tilting wall stand with an adjustable receptor range of $+90^\circ$ to -15° , providing great flexibility for either upright, extremity or table-top exams. The receptor tilt movement is motorized through the use of a convenient remote control switch. Automatic stops are provided at the $+90^\circ$, 0° and -15° positions.

Vertical travel is electromagnetic through the use of a FAIL-SAFE braking design. It incorporates Quantum's exclusive EZ-GLIDE hand control, which actually pivots 105° for comfort in repositioning of the receptor. With its vertical travel range of 60 inches, it easily accommodates a variety of patient views, including upright skull through weight-bearing procedures. The center-of-film to floor distance is only 13.75 inches (35cm) (*Note: distance varies with receptor type*) making it perfect for lower extremities, even on children. An additional Front Mounted Vertical Control switch is provided to aid in positioning when using with a mobile floating top table.

You can also select the VERTI-Q TILT/ROTATE (QT-420-TRD) version, which has the addition of a receptor rotate ability. This receptor ROTATE feature actually allows the technologist to ROTATE the image receptor 90° (with auto stops at 0° and 90°). This unique rotating design feature enables you to properly align the grid and AEC chambers for positioning when switching from upright studies to table-top and/or cross-table lateral patient exams.



Weight-bearing position



-15° Tilt



$+90^\circ$ Tilt



$+90^\circ$ Tilt, with 90° rotate of image receptor (if QW-420-TRD)



Quantum
MEDICAL IMAGING

Innovations in Imaging.

Specifications

“VERTI-Q TILT-D” Motorized Tilting Wall Stand: QW-420-TD

- Motorized receptor tilt range: +90°/-15°, with auto stops at 0°, 90°, and -15°
- Remote Hand Switch for control of motorized tilt angle, with auto stops at 0°, 90°, and -15°
- Receptor angulation gauge for easy visualization of tilt angle
- Vertical travel: 60.0” (153 cm) - receptor dependent
- Minimum Focal Spot-to-Floor Distance: 13.75” (35 cm) - receptor dependent
- Features the exclusive “EZ-GLIDE” Hand control for easy and precise movement, Grip rotates +105°
- FAIL-SAFE electromagnetic vertical braking system and integral counterbalancing ensure safe, easy use
- Heavy Duty Single-column structure; floor and wall mounted

“VERTI-Q TILT/ROTATE-D” Motorized Tilting Wall Stand, with Rotation feature: QW-420-TRD

- Motorized receptor tilt range: +90°/-15°, with auto stops at 0°, 90°, and -15°
- Remote Hand Switch for control of motorized tilt angle, with auto stops at 0°, 90°, and -15°
- Receptor angulation gauge for easy visualization of tilt angle
- Rotational receptor feature: provides 90° of rotation; counterbalanced on CG (Center of Gravity), with front release control
- Vertical travel: 60.0” (153 cm) - *receptor dependent*
- Additional Front mounted control switch for vertical travel included
- Minimum Focal Spot-to-Floor Distance: 13.75” (35 cm) - *receptor dependent*
- Features the exclusive “EZ-GLIDE” Hand control for easy and precise movement, Grip rotates +105°...
- FAIL-SAFE electromagnetic vertical braking system and integral counterbalancing ensure safe, easy use
- Heavy Duty Single-column structure; floor and wall mounted



“VERTI-Q ROTATE-D” Wall Stand, with Receptor Rotation feature: QW-420-RD

- Rotational receptor feature: provides 90° of rotation; counterbalanced on CG, with front release control
- Vertical travel: 60.0” (153 cm) - *receptor dependent*
- Minimum Focal Spot-to-Floor Distance: 13.75” (35 cm) - *receptor dependent*
- Features the exclusive “EZ-GLIDE” Hand control for easy and precise movement, Grip pivots +105°
- FAIL-SAFE electromagnetic vertical braking system and integral counterbalancing ensure safe, easy use
- Heavy Duty Single-column structure; floor and wall mounted

“VERTI-Q-D” Vertical Wall Stand, for Digital: QW-420-D

- Vertical travel: 60.0” (153 cm) - *receptor dependent*
- Minimum Focal Spot-to-Floor Distance: 13.75” (35 cm) - *receptor dependent*
- Features the exclusive “EZ-GLIDE” Hand control for easy and precise movement, Grip pivots +105°
- FAIL-SAFE electromagnetic vertical braking system and integral counterbalancing ensure safe, easy use
- Heavy Duty Single-column structure; floor and wall mounted

GENERAL NOTES:

1. *** Available for either Right or Left Hand Positioning, depending upon actual digital receptor type
2. *** Vertical travel and minimum Focal Spot-to-Floor Distance may vary, depending upon actual receptor type

OPTIONS FOR “VERTI-Q DIGITAL” WALL STANDS:

QW-HG20 Patient “Side Mounted” Handgrips: (one set)

RV-24PS

Power Supply (UL rated; 24 VDC): Required for use with QW-420-TRD and QW-420-TD

QW-HG30 Patient “Overhead” Handgrip:

- Grip can be rotated, with lock positions at 0°, 90° and 180°
- (grip may be removed, for certain positions)

All of the VERTI-Q Wall Stands can also be configured with a choice of multi-speed buckies, fixed grids or automatic cassette loading systems for use with traditional film systems. The film version includes a custom enclosed frame around the image receptor, as well as a patient chin rest. The front cover material is low absorption and includes cassette and AEC indicators, providing assistance in proper patient positioning.

Specifications are subject to change without prior notice



Innovations in Digital Imaging

©2009 Quantum Medical Imaging, LLC
p/n: QMI-VQD (01/09)

Quantum Medical Imaging, LLC
2002 Orville Drive North
Ronkonkoma, NY 11779 USA
Tel (631) 567-5800
Fax (631) 567-5074
www.quantummedical.net