MAIN FEATURES

- Ceiling tube stand in conjunction with a bucky table with elevating top.
- Vertical, longitudinal and transversal displacement of the tube.
- Manually controlled movements with springs and counterweight balanced mobile parts, electromagnetic brakes.
- Tube and support rotation around the telescope vertical axis and tube rotation around the horizontal axis.
- Floating table top with adjustable height.
- Undertable bucky carriage movable by hand grip with electromagnetic brakes push button control.
- Pedal controls for table top up/down motorized displacement and for electromagnetic braking.
- Patient maximum admitted weight is 150 kg (200 kg optionally).
- Push-button control panel on the tube front side for brakes control and remote control of the table top up/down travel.
- Large display showing the FFD and X-ray beam incidence values.
### TECHNICAL FEATURES

#### LONGITUDINAL RAILS
- Length 440 cm

#### TRANSVERSAL FRAME
- Rail length 300 cm
- Travel of transversal frame on the longitudinal rails 350 cm
- Movement / braking manual / electromagnetic
- Mechanical position indicator included 1

#### TELESCOPIC STAND
- Number of telescope components 4 made of extruded aluminium
- Vertical travel 150 cm
- Type of movement manual
- Type of balancing by springs and counterweights
- Braking electrical with permanent magnet
- Average speed of vertical movement (motorized version) 7 cm/s

#### TUBE ARM SUPPORT
- Rotation angle around the telescope vertical axis +120° / -210°
- Angular positions mechanically detected Mechanical detents every 90°
- Angle of rotation around the horizontal axis +200° / -135°
- Angular positions mechanically detected Mechanical detents every 90°
- Braking action of rotation movements electrical with permanent magnet

#### FRONT TUBE CONTROL BOX
- Grips for movements covered in synthetic rubber
- Push-buttons to unlock the brakes ergonomically positioned
- Focus to film distance and incidence value indicator LCD 1x20 characters

#### BUCKY TABLE
- Patient table top laminated plastic sheet
- Absorption according to EN 60 601-2-35 0.9 mm Al eq.
- Longitudinal travel 76 cm (38 cm each side)
- Transversal travel 26 cm (+/- 13 cm)
- Electromagnetic brakes control by foot pedals
- Patient's max weight allowed 150 kg
- Table top to film distance 7 cm
- Table top to floor minimum distance 53 cm
- Table top height variation 32 cm
- Average speed 3 cm/s

#### BUCKY CARRIAGE
- Longitudinal travel 50.5 cm
- Push-button braking control electromagnetic

#### POWER SUPPLY
- Voltage / frequency 230 (220/240) VAC 50/60 Hz
- Max. power absorbed by the stand 350 VA (100 W lamp of collimator included)
- Max. power absorbed by the table 400 VA

#### COLOURS
- Painted parts RAL 9002
- Adhesive membrane gray

#### WEIGHTS
- Longitudinal rails and transversal frame 165 kg
- Stand 150 kg
- Bucky table 280 kg

#### EQUIPMENT IDENTIFICATION
(according to EN 60 601)
- Classification class I type B
- Type of installation permanently connected
- Operation mode continuous with intermittent load
MOTORIZED / ENSLAVED VERSIONS OF THE CEILING STAND

- Motorized vertical movement
- Motorized longitudinal movement
- Interlocked vertical movement to keeping the FD stationary during the bucky table up and down displacement
- Vertical movement interlocked with the vertical movement of a receptor (bucky, flat panel, CCD etc.)
- Vertical movement interlocked with the dimension and position of the selected exposure field on the digital receptor

TECHNICAL FEATURES

<table>
<thead>
<tr>
<th>STANDARD COMPLIANCE</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>Safety</td>
<td>EN 60 601</td>
</tr>
<tr>
<td>Electromagnetic compatibility</td>
<td>89/336 European Directive</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>TRANSPORT AND STOCK ENVIRONMENT</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Temperature range</td>
<td>0°C + 50 °C</td>
</tr>
<tr>
<td>Relative humidity range (without condensation)</td>
<td>10 % + 90 %</td>
</tr>
<tr>
<td>Atmospheric pressure range</td>
<td>500 hPa + 1060 hPa</td>
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</tbody>
</table>

<table>
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<tr>
<th>OPERATIONAL ENVIRONMENT</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>Temperature range</td>
<td>10 °C + 40 °C</td>
</tr>
<tr>
<td>Relative humidity range</td>
<td>30 % + 75 %</td>
</tr>
<tr>
<td>Atmospheric pressure range</td>
<td>700 hPa + 1060 hPa</td>
</tr>
</tbody>
</table>

ACCESSORIES AND OPTIONS UPON REQUEST

- Push-button control box at opposite tube side
- X-ray tube swan neck support
- 180 cm telescope vertical travel
- 100 cm telescope vertical travel
- 120 cm telescope vertical travel
- 140 cm / 280 / 420 cm longitudinal rails extension
- Transversal frame extension up to 380 cm
- Longitudinal / transversal braking by permanent magnets
- Pair of patient handgrips
- Compression band with ratchet
- Phlebo support
- Pair of leg supports
- 35x43 cm lateral cassette holder
- 24x30 cm articulated lateral cassette holder
- Low absorption table top
- Table top anticollision device

MOTORIZED / ENSLAVED VERSIONS OF THE CEILING STAND
Product data

Elevating Height Table with Ceiling Suspension

BHE-C

Swan-neck tube support

Lateral radiography with 24x30 cm articulated lateral cassette holder

Push button control box and manual diaphragm