

# BHE-C

## Product data

## Elevating Height Table with Ceiling Suspension



### 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.



**TECHICAL FEATURES**

<b>LONGITUDINAL RAILS</b>	<ul style="list-style-type: none"> <li>Length</li> </ul>	440 cm
<b>TRANSVERSAL FRAME</b>	<ul style="list-style-type: none"> <li>Rail length</li> <li>Travel of transversal frame on the longitudinal rails</li> <li>Movement / braking</li> <li>Mechanical position indicator included</li> </ul>	300 cm 350 cm manual / electromagnetic 1
<b>TELESCOPIC STAND</b>	<ul style="list-style-type: none"> <li>Number of telescope components</li> <li>Vertical travel</li> <li>Type of movement</li> <li>Type of balancing</li> <li>Braking</li> <li>Average speed of vertical movement (motorized version)</li> </ul>	4 made of extruded aluminium 150 cm manual by springs and counterweights electrical with permanent magnet 7 cm/s
<b>TUBE ARM SUPPORT</b>	<ul style="list-style-type: none"> <li>Rotation angle around the telescope vertical axis</li> <li>Angular positions mechanically detected</li> <li>Angle of rotation around the horizontal axis</li> <li>Angular positions mechanically detected</li> <li>Braking action of rotation movements</li> </ul>	+120° / -210° Mechanical detents every 90° +200° / -135° Mechanical detents every 90° electrical with permanent magnet
<b>FRONT TUBE CONTROL BOX</b>	<ul style="list-style-type: none"> <li>Grips for movements</li> <li>Push-buttons to unlock the brakes</li> <li>Focus to film distance and incidence value indicator</li> </ul>	covered in synthetic rubber ergonomically positioned LCD 1x20 characters
<b>BUCKY TABLE</b>	<ul style="list-style-type: none"> <li>Patient table top</li> <li>Absorption according to EN 60 601-2-35</li> <li>Longitudinal travel</li> <li>Transversal travel</li> <li>Electromagnetic brakes control</li> <li>Patient's max weight allowed</li> <li>Table top to film distance</li> <li>Table top to floor minimum distance</li> <li>Table top height variation</li> <li>Average speed</li> </ul>	laminated plastic sheet 0.9 mm Al eq. 76 cm (38 cm each side) 26 cm (+/- 13 cm) by foot pedals 150 kg 7 cm 53 cm 32 cm 3 cm/s
<b>BUCKY CARRIAGE</b>	<ul style="list-style-type: none"> <li>Longitudinal travel</li> <li>Push-button braking control</li> </ul>	50.5 cm electromagnetic
<b>POWER SUPPLY</b>	<ul style="list-style-type: none"> <li>Voltage / frequency</li> <li>Max. power absorbed by the stand</li> <li>Max. power absorbed by the table</li> </ul>	230 (220/240) VAC 50/60 Hz 350 VA (100 W lamp of collimator included) 400 VA
<b>COLOURS</b>	<ul style="list-style-type: none"> <li>Painted parts</li> <li>Adhesive membrane</li> </ul>	RAL 9002 gray
<b>WEIGHTS</b>	<ul style="list-style-type: none"> <li>Longitudinal rails and transversal frame</li> <li>Stand</li> <li>Bucky table</li> </ul>	165 kg 150 kg 280 kg
<b>EQUIPMENT IDENTIFICATION</b> (according to EN 60 601)	<ul style="list-style-type: none"> <li>Classification</li> <li>Type of installation</li> <li>Operation mode</li> </ul>	class I type B permanently connected continuous with intermittent load

**TECHICAL FEATURES**

<b>STANDARD COMPLIANCE</b>	<ul style="list-style-type: none"> <li>• Safety EN 60 601</li> <li>• Electromagnetic compatibility 89/336 European Directive</li> </ul>
<b>TRANSPORT AND STOCK ENVIRONMENT</b>	<ul style="list-style-type: none"> <li>• Temperature range 0°C ÷ 50 °C</li> <li>• Relative humidity range (without condensation) 10 % ÷ 90 %</li> <li>• Atmospheric pressure range 500 hPa ÷ 1060 hPa</li> </ul>
<b>OPERATIONAL ENVIRONMENT</b>	<ul style="list-style-type: none"> <li>• Temperature range 10 °C ÷ 40 °C</li> <li>• Relative humidity range 30 % ÷ 75 %</li> <li>• Atmospheric pressure range 700 hPa ÷ 1060 hPa</li> </ul>

**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
- Longit. / 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**

- 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



*Lateral radiography with 24x30 cm articulated lateral cassette holder*



*Swan-neck tube support*



*Push button control box and manual diaphragm*

