## Specifications

<table>
<thead>
<tr>
<th>Product name</th>
<th>Digital Panoramic X-ray Unit HyperG series</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>Hyper-G CM</td>
</tr>
<tr>
<td>Rated Voltage</td>
<td>100/115/120/127V 50/60Hz, 180/240V 50/60Hz</td>
</tr>
<tr>
<td>Power requirement</td>
<td>2.5 kW</td>
</tr>
<tr>
<td>High-voltage generator</td>
<td>High Frequency Inverter Method (ondash)</td>
</tr>
<tr>
<td>Tube voltage</td>
<td>60 to 90 kV (1.5 kV step)</td>
</tr>
<tr>
<td>Focal spot</td>
<td>0.4 mm, 0.6 mm, 0.8 mm (Each)</td>
</tr>
<tr>
<td>Total filtration</td>
<td>0.5 mm Al (Each)</td>
</tr>
<tr>
<td>Exposure mode</td>
<td>Panoramic: Add/cek/Orthodontal TK1: PA/Lateral, Cephalometric: PA/Lateral</td>
</tr>
<tr>
<td>Exposure time</td>
<td>Panoramic: 3.28 sec, Maxillary: 3.5 sec, INC/PA: 2.5 sec (Orthodontal), Cephalometric: PA: short, PA: long, (Normal mode)</td>
</tr>
<tr>
<td>Image magnification</td>
<td>Panoramic: 1:1 to 1:3.5, Maxillary: Pan 1:1.5 to 3.5, TK1: PA, Approx 1:1, Lateral Approx 1:1.5</td>
</tr>
<tr>
<td>Image center</td>
<td>OR (optional)</td>
</tr>
<tr>
<td>Positioning beam</td>
<td>1 plane (mandible, maxillary palate, anterior teeth)</td>
</tr>
<tr>
<td>Dimensions: Width: 680 mm, height: 2150 mm</td>
<td></td>
</tr>
<tr>
<td>Weight</td>
<td>Approx. 21.6 kg</td>
</tr>
</tbody>
</table>

## Dimensions

![Diagram of dimensions](image)

## Footprint

![Diagram of footprint](image)

*For optimum installation site, contact our sales representative.

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ASAHIROENTGEN IND., LTD.  
378-3, Taikyoudacho, Kusuma, Minami-ku, Kyoto-shi, 601-8205, Japan  
TELEPHONE: +81-75-921-4330  FAX: +81-75-921-8575  E-mail: trading@asahi-xray.co.jp  
Specifications and appearance are subject to change without preliminary notice for further improvement.
Automatic display can be performed with optimal slice positioning for the front dentition area, from a region with a slice depth of 30 mm.

Panoramic exposure: 7 sec/12 sec

Cephalometric Lateral exposure: 2.9 sec/4 sec

No sensor attachment/detachment required

Dedicated sensors for the Panoramic radiography and the Cephalometric radiography. No attachment/detachment of the sensors is necessary; quick and reliable exposure operation is always available. This also eliminates risk of dropping the sensor as well as any malfunction or failure due to improper attachment/detachment.

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Improvised quality of Panoramic/Cephalometric imagin

Our unique image processing technology has attained a higher level of image quality through frequency domain processing and elimination of image noise. Panoramic images minimize the course appearance of mandibular joints and posterior teeth (a typical characteristic of photographic film images), assisting the diagnosis of caries or inflammation. Cephalometric images are optimum for orthodontics.

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Swing type mirror for easy positioning

Adjustable mirror makes positioning checks easy. Via the PC screen, quick one-touch exposure condition setup can be performed.

Micro-focus spot size of 0.5 mm has been adopted

Micro-focus spot size realizes high-precision digital X-ray images.

Acquisition of Panoramic images in Tomosynthesis mode provides image data with a slice depth of 30 mm. It is now possible to clearly see the blurring of the front teeth image area even in positioning failure.

*Once a custom path has been saved, you cannot retrieve the default selection.

Clearer images can be displayed using data from 31 images spaced at 1 mm intervals.

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*For children, the acquisition area of panoramic image data is different.

*This function is available only in NEOPREMIUM2.

Clearer images can be displayed using data from 31 images spaced at 1 mm intervals.