Small and light X-ray unit **Gierth HF 80/20 Ultra Light**

The Gierth HF 80/20 convinces with its low total weight, the modern design and the optimal handling especially for outdoor X-ray applications. A practical carrying case is included. It is quickly ready for use and with the serial DR interface, the X-Ray unit can be connected to any digital system without problems.

- High-frequency X-ray unit with full bridge inverter system
- Only 6.5 kg, max. potential 20 mA at 80 kHz
- Serial interface for connecting with digital radiography systems (optional)
- Scaled collimator to adjust the size of the light field indicator
- Light field indicator can be illuminated via the hand switch
- Acoustic and optical timer signal
- 5 memory buttons
- Dual laser pointer

For use in veterinary medicine and NDT sector

Order No. AP2100
Small and light X-ray unit
Gierth HF 80/20 Ultra Light

Scope of delivery

- X-ray machine HF 80/20
- Aluminum carrying case
- 2-stage hand trigger switch

Short description

- High-frequency X-ray unit with full bridge inverter system
- Only 6.5 kg, max. potential 20 mA at 80 kHz
- Serial interface for connecting with digital radiography systems (optional)
- Scaled collimator to adjust the size of the light field indicator
- Light field indicator can be illuminated via the hand switch
- Acoustic and optical timer signal
- 5 memory buttons
- Dual laser pointer
- Digital display „X-RAY“, „READY“ and „ERROR“
- Tape measure for film-focal spot distance
- Aluminium casing

Technical Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inverter frequency</td>
<td>80 kHz</td>
</tr>
<tr>
<td>Power requirement</td>
<td>1.6 kVA</td>
</tr>
<tr>
<td>Output in 2-kV Steps</td>
<td>50 – 80 kV = 20 mA (max.)</td>
</tr>
<tr>
<td>X-ray tube</td>
<td>Toshiba D – 0813</td>
</tr>
<tr>
<td>Serial interface</td>
<td>for connection with any digital system</td>
</tr>
<tr>
<td>Focal spot</td>
<td>0.8 mm x 0.8 mm</td>
</tr>
<tr>
<td>Weight</td>
<td>6.5 kg inklusive Kollimator</td>
</tr>
<tr>
<td>Dimensions L x W x H</td>
<td>310 mm x 150 mm x 182 mm</td>
</tr>
<tr>
<td>Total filtration</td>
<td>3.0 mm Al</td>
</tr>
</tbody>
</table>

Please visit [www.or-technology.com](http://www.or-technology.com) for more details

Specifications subject to revision without notice

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