The X-ray with Amadeo P-110/100H unit automatic mains voltage adjustment guarantees a constant X-ray output of power unaffected by fluctuations. Thanks to the integrated capacitor, uninterrupted operation after a short power failure or change of location is easily possible.

The is equipped with remote control Amadeo function hand switch as well as touch panel via a and LED display and is also ideally suited for stationary radiography.

- Offers its users the complete range of X-ray diagnostic imaging options
- CE declaration of conformity in accordance with Directive 93/42/EEC
- Modern LED light
- High performance capacitor for stable and reliable power supply
- Automatic mains voltage compensation
- Dimensions: 254 x 225 x 423 mm
- Weight: 19.6 kg

For use in human and veterinary medicine as well as in the NDT and security sector

Order No. AP6400

Portable monoblock X-ray unit with high-frequency technology
Amadeo P-110/100H

The Amadeo P-110/100H X-ray unit with automatic mains voltage adjustment guarantees a constant X-ray output unaffected by of power fluctuations. Thanks to the integrated capacitor, uninterrupted operation after a short power failure or change of location is easily possible.

The Amadeo is equipped with a remote control function via hand switch as well as a touch panel and LED display and is also ideally suited for stationary radiography.
Portable monoblock X-ray unit with high-frequency technology

**Amadeo P-110/100H**

**Scope of delivery**
- X-ray unit **Amadeo P-110/100H** incl. aluminium carrying case
- 2-stage hand trigger

**Short description**
- Modern LED light
- High performance capacitor for stable and reliable power supply
- Equipped with remote control functions by hand switch
- Flat touch panel, LED display reverse
- Constant X-ray output without influence of line power fluctuation
- 7 segment LED readout (reversible): mAs / KV, data storage and store button, LED indicator: ready & exp. wait

**Technical Specifications**

<table>
<thead>
<tr>
<th><strong>Construction</strong></th>
<th>Monoblock X-ray unit, high frequency technology (full bridge inverter system)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Output</strong></td>
<td>Tube vol./current: 110 kV/100 mA&lt;br&gt; Voltage range: 40-110 kV, kV step&lt;br&gt; mAs range: 0.1 - 100 mAs, 40 steps&lt;br&gt; Max. output: 5.0 kW @.75 kV</td>
</tr>
<tr>
<td><strong>X-ray Tube</strong></td>
<td>Focal Spot: 1.8 mm&lt;br&gt; Heat storage: 30kWs&lt;br&gt; Cooling rate: 250 W</td>
</tr>
<tr>
<td><strong>Collimator</strong></td>
<td>Min. light field: 5 cm x 5 cm @100 cm SID&lt;br&gt; Max. light field: 47cm x 47cm @100 cm SID&lt;br&gt; Lamp: LED&lt;br&gt; Auto timer: 30 sec&lt;br&gt; SID scale length: 2 m</td>
</tr>
<tr>
<td><strong>Power</strong></td>
<td>Input: 100-240 VAC (Free-Voltage)&lt;br&gt; Frequency/phase: 50/60 Hz, single phase&lt;br&gt; Voltage: ±10 %</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>19.6 kg</td>
</tr>
<tr>
<td><strong>Dimensions</strong></td>
<td>254 x 225 x 423 mm (W x H x L)</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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