

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 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.

- 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



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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

| | | |
|---------------------|-------------------------------------------------------------------------------|----------------------------|
| Construction | Monoblock X-ray unit, high frequency technology (full bridge inverter system) | |
| Output | Tube vol./current | 110 kV/ 100 mA |
| | Voltage range | 40-110 kV, kV step |
| | mAs range | 0.1 - 100 mAs, 40 steps |
| | Max. output | 5.0 kW @.75 kV |
| X-ray Tube | Focal Spot | 1.5 mm |
| | Heat storage | 30k Ws |
| | Cooling rate | 250 W |
| Collimator | Min. light field | 5 cm x 5 cm @100 cm SID |
| | Max. light field | 47cm x 47cm @100 cm SID |
| | Lamp | LED |
| | Auto timer | 30 sec |
| | SID scale length | 2 m |
| Power | Input | 100-240 VAC (Free-Voltage) |
| | Frequency/phase | 50/60 Hz, single phase |
| | Voltage | ±10 % |
| Weight | 19,6 kg | |
| Dimensions | 254 x 225 x 423 mm (W x H x L) | |

Please visit www.or-technology.com
for more details

Specifications subject to revision without notice

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