

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



# 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

<b>Construction</b>	Monoblock X-ray unit, high frequency technology (full bridge inverter system)	
<b>Output</b>	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
<b>X-ray Tube</b>	Focal Spot	1.8 mm
	Heat storage	30k Ws
	Cooling rate	250 W
<b>Collimator</b>	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
<b>Power</b>	Input	100-240 VAC (Free-Voltage)
	Frequency/phase	50/60 Hz, single phase
	Voltage	±10 %
<b>Weight</b>	19,6 kg	
<b>Dimensions</b>	254 x 225 x 423 mm (W x H x L)	

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

### Specifications subject to revision without notice

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