

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

Order No. AP6200

## Portable, battery-powered X-ray unit **Amadeo P-100/20HB**

The Amadeo P-100/20HB is a portable, battery-operated monobloc X-ray unit using high-frequency technology. Equipped with the large capacity of a lithium polymer battery, the portable X-ray unit does not require mains power. Approximately 300 exposures are possible between charging cycles. The Amadeo P-100/20HB avoids cable clutter during the X-ray process as no power cable is required.

With a weight of approx. 11 kg including battery and a dual laser, the Amadeo P-100/20HB is a very reliable and durable X-ray unit. The high-frequency generator provides high output power and brilliant clinical images.

- Compatible with line voltage and battery power
- Up to 300 exposures with one full battery charging
- Easy and uncomplicated battery replacement
- Lithium polymer battery, charging time 180 minutes
- Dimensions 225 x 170 x 340 mm
- Weight 11.2 kg (including battery)



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## Scope of delivery

- X-ray machine Amadeo P-100/20HB
- 1 x battery and battery charger
- Aluminium carrying case
- 2-stage hand trigger switch

## Short description

- Device can be powered by internal battery or external power supply
- Quality edge through high performance of the lithium-ion polymer battery
- Up to 300 shots with only one battery charge
- Optimum protection against shocks and dirt
- Remote control via hand switch possible

## Technical Specifications

<b>Max. power requirement</b>	1.6 kW
<b>Battery</b>	Lithium ion polymer
<b>kV range in 1 kV steps</b>	40 to 100 kV
<b>mAs Range</b>	0.4 - 50 mAs, 32 steps
<b>Max. kV Deviation</b>	±7%
<b>Max. mAs Deviation</b>	±10%
<b>X-ray Tube</b>	Focal Spot : 1.2 mm x 1.2 mm
<b>Power</b>	130 - 260 V (automatic power adjustment)
<b>Collimator</b>	high brightness and integrated timer min. ≤ 5 x 5 cm @ 100cm FBA max. ≤ 47 x 47 cm @ 100cm FBA Timer 30s
<b>Lithium-Polymer battery</b>	charge time 180 minutes
<b>Dimensions</b>	225 x 170 x 340 mm
<b>Net Weight</b>	11.2 kg (including battery)

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

### Specifications subject to revision without notice

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