

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)



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

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

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

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

Specifications subject to revision without notice

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