

For use in veterinary medicine
as well as in the NDT sector

Order No. AP6100

Ultralight, portable, battery- powered X-ray unit **Amadeo P-90/20VB**

The Amadeo P-90/20VB is one of the lightest, portable X-ray units in the radiological market. The new, innovative battery technology enables up to 300 shots with one battery charge.

With a weight of approx. 7.2 kg and a dual laser, the Amadeo P-90/20VB presents itself as a very light, intelligent and durable portable X-ray unit. The high frequency generator provides high output power and brilliant clinical images. A well-designed controller provides stable mA and kVp feedback with no error at frequent exposure.

- Compatible with Line Voltage and Battery Power
- Greatest Capacity storage enables max. 300 exposures by one full battery charging
- Easy and uncomplicated battery replacement
- Lithium polymer battery, charging time 180 minutes
- Dimensions 203 x 174 x 307 mm
- Weight 7.2 kg (including battery)



Ultralight, portable, battery-powered X-ray unit Amadeo P-90/20VB

Scope of delivery

- X-ray generator Amadeo P-90/20VB
- 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

Output Power	1.6 kW (800W)
Battery	Lithium ion polymer
Radiography kV Range in 1Kv Steps	20mA (50 ~ 80kV / 0.4 ~ 3.2mAs) 10mA (50 ~ 80kV / 3.6 ~ 20mAs) 15mA (81 ~ 90kV / 0.4 ~ 3.2mAs) 8mA (81 ~ 90kV / 3.6 ~ 20mAs)
mAs Range	0.4 ~ 20 mAs in 25 steps
Max. kV Deviation	±1%
Max. mAs Deviation	±3%
Indication	kV (error code) / mAs: 7-segment LED
X-ray Tube	Focal Spot : 1.2 mm x 1.2 mm Target Angle : 19 degree Anode Heat Storage: 10 kJ
Total Filtration	2.5 mm Al eq. @ 90 kV
Collimator	Double slit type, manual operation X-ray Field Size: 35 cm x 35 cm @ 65 cm SID Laser Pointer: 5 mW Dual Laser Push button illuminator with 30 sec timer Lamp : 5 mW Laser
Software	APR Memory : 15EA (Compounding of 5 keys) Infrared remote control software and remote control hand switch
Net Weight	6.8 kg (15 lbs) without battery

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

Specifications subject to revision without notice

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