

For use in veterinary medicine

Order No. AP5500

## Portable battery-operated X-ray unit **Amadeo P-125/100 VB**

The 5.6 kW high-performance Amadeo P-125/100VB generator meets a wide range of requirements. The powerful lithium battery provides a long standby mode and ensures multiple exposure modes. The touch screen is simple and uncomplicated to operate.

- kV range in 1 kV steps: 40 to 125 kV
- mAs range 0.1 - 200 mAs
- Dual focus tube, focal spot 0.6 / 1.8 mm
- Rotatable high brightness collimator with integrated timing circuit
- Lithium battery 32.4 V sufficient for approx. 100 shots (50 kV, 80 mA, 20 ms), max. charging time 4h, standby time approx. 7h
- Power 220 - 240 V
- Dimensions 240 x 236 x 449 mm
- Weight 18.6 kg (with battery)



# Portable battery-operated X-ray unit Amadeo P-125/100VB

## Scope of delivery

- X-ray unit Amadeo P-125/100VB
- Matching and stable transport case
- 2-stage manual release switch

## Short description

- Device can be operated with internal battery or external power supply unit
- Max. 100 shots with only one battery charge
- Optimum protection against shocks and external soiling
- Equipped with remote control functions by hand switch
- 1 year manufacturer's warranty incl. X-ray tube and battery

## Technical Specifications

<b>Construction</b>	Monoblock X-ray unit with touch panel high frequency technology, optional with Li-Ion battery	
<b>Output range</b>	kV range	40 kV - 125 kV, in 1 kV-Schritten
	mAs range	0.1 mAs - 200 mAs (± 10%, AC operation) 0.1 mAs - 25,0 mAs (± 10%, battery operation)
	mA range	10 mA - 100 mA
	exposure times	0.002 s - 4.0 s
	Output power	max. 5.6 kW (56 mA, 100 kV)
<b>X-ray tube</b>	Tube type	fixed anode
	Focal spots	small 0.6mm <sup>2</sup> / large 1.8 mm <sup>2</sup>
	Anode angel	15°
<b>Collimator</b>	Light field	43 cm x 43 cm @100 cm SID
	Light source	bright LED, with autotimer integrated, scale length 2,0 m
	SID scale	
<b>Input power</b>	Voltage	AC 220 V ± 10%, single phase
	Frequency	50 Hz ± 1 Hz
	Power	max. 7.0 kW
<b>Weight</b>	18.8 kg (with battery)	
<b>Dimensions</b>	L: 440 mm W: 240 mm H: 236 mm (without retaining bracket)	
<b>Total filtration</b>	≥ 2.5mm Al (inkl. collimator)	
<b>Interface</b>	<b>Serial interface</b> , optional the control of the generator in connection with the digital radiography system is possible	
<b>Batterie</b>	Typ	Lithium battery supply
		• for approx. 100 shorts (50 kV, 80 mA, 20 ms)
		• max. charging time 4h, standby time approx. 7h

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for more details

### Specifications subject to revision without notice

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