

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

Order No. AP6300

## Portable, battery-powered X-ray unit **Amadeo P-100/35HB**

The battery-powered **Amadeo P-100/35HB** is one of the lightest, most compact and powerful high frequency X-ray units on the market. The portable X-ray systems of the **Amadeo** series are equipped with high-frequency generators, which generate up to 40 - 50 % higher output power compared to other generators. The ideal balance between performance and weight makes the **Amadeo P-100/35HB** the perfect solution for mobile radiography indoors and outdoors.

- CE declaration of conformity in accordance with Directive 93/42/EEC
- Automatic mains voltage compensation
- Collimator with high brightness and integrated timer
- Dual laser pointer
- 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-100/35HB

## Scope of delivery

- X-ray unit **Amadeo P-100/35HB**
- 1 x battery and battery charger
- Aluminium carrying case
- 2-stage hand trigger

## Short description

- Device can be powered by internal battery or external power supply
- Quality edge through high performance of the lithium-ion polymer batteries
- Up to 400 shots with only one battery charge
- Optimum protection against external shocks and dirt
- Equipped with remote control functions by hand switch

## Technical Specifications

<b>Construction</b>	Monoblock X-ray unit, high frequency technology (full bridge inverter system)	
<b>Output</b>	Tube vol./current	100 kV / 35 mA
	Voltage range	40 - 100 kV in 1 kV steps
	mAs range	0,4 mAs - 100 mAs 35 steps
	Max. output	2,4 kW at 80 kV
<b>X-ray Tube</b>	Focal Spot	1,2 mm
	Heat storage	20 kWh
<b>Collimator</b>	Min. light field	5 cm x 5 cm @ 100 cm SID
	Max. light field	35 cm x 35 cm @ cm SID
	Lamp	LED
	Auto timer	30 sec
	SID scale lenght	built-in dual laser
<b>Power</b>	Input	110 / 220 VAC (Free-Voltage)
	Frequency/phase	50 / 60 Hz, single phase
	Voltage	±10 %
<b>Weight</b>	14,2 kg	
<b>Dimensions</b>	250 x 214 x 349 mm (W x H x L)	
<b>Battery</b>	Type	Li-polymer
	Capacity	4800 mAh
	Exposures	approx. 200
	Charging time	Less than 3 hours

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

### Specifications subject to revision without notice

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**Headquarters:** OR Technology (Oehm und Rehbein GmbH), 18057 Rostock, Germany, Neptunallee 7c  
Info-Hotline: +49 381 36 600 600, info@or-technology.com, www.or-technology.com  
**OR Technology UK:** Celtic SMR Ltd., Frederick House, Hayston View, Johnston, Haverfordwest, Pembrokeshire SA62 3AQ, United Kingdom, www.celticsmr.co.uk, sales@celticsmr.co.uk

