

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

<b>Output Power</b>	1.6 kW (800W)
<b>Battery</b>	Lithium ion polymer
<b>Radiography kV Range in 1Kv Steps</b>	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)
<b>mAs Range</b>	0.4 ~ 20 mAs in 25 steps
<b>Max. kV Deviation</b>	±1%
<b>Max. mAs Deviation</b>	±3%
<b>Indication</b>	kV (error code) / mAs: 7-segment LED
<b>X-ray Tube</b>	Focal Spot : 1.2 mm x 1.2 mm Target Angle : 19 degree Anode Heat Storage: 10 kJ
<b>Total Filtration</b>	2.5 mm Al eq. @ 90 kV
<b>Collimator</b>	Double slit type, manual operation X-ray Field Size: 35 cm x 35 cm @ 65 cm SID Laser Pointer: >1 mW Dual Laser (class 2) Push button illuminator with 30 sec timer Lamp : 3.3V LED
<b>Software</b>	APR Memory : 15EA (Compounding of 5 keys) Infrared remote control software and remote control hand switch
<b>Net Weight</b>	6.8 kg (15 lbs) without battery

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

### Specifications subject to revision without notice

The editor strives to impart correct and up to date information. The provided specifications are based on current knowledge and are subject to revision without notice. This brochure is subject to correction. The editor assumes no responsibility for the information being up to date, correct and complete. All furnished logos, pictures and graphics are property of the particular company and subject to copyright of the licensor. Use, dissemination, distribution or copying of the pictures, logos or text compiled or processed by the editor is subject to our written consent. All rights reserved.

**Headquarters:** OR Technology (Oehm und Rehbein GmbH), 18057 Rostock, Germany, Neptunallee 7c  
Info-Hotline: +49 381 36 600 600, [info@or-technology.com](mailto:info@or-technology.com), [www.or-technology.com](http://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](http://www.celticsmr.co.uk), [sales@celticsmr.co.uk](mailto:sales@celticsmr.co.uk)

