



The Philips BV-300 Plus c-arm system is a multi-application mobile X-ray imaging system with a high-resolution CCD camera, outstanding image quality with low X-ray dosage, crisp, clear images and superior penetration power.

## Options

- Vascular Application
- Tri-Mode 12"/9/6 II
- Has a Rotating Anode



# Specifications

## Specialty Packages Available

Extended processing  
Vascular functions  
Extended vascular functions.

## Generator

2.1 kW full-wave.  
Up to 110 kVp.  
Up to 20 mA for radiographic film exposures.  
Continuous fluoro boost mode up to 7.3 mA  
Full power from outlet:  
50 Hz or 60 Hz.  
100V-15A to 240V-10A.

## X-Ray Tube

Fixed anode X-ray tube.  
Focal spots: 0.6 mm and 1.4 mm.  
Anode heat capacity: 50,100 HU.  
Anode cooling rate: 20,200 HU/min.  
Housing heat capacity: 1,200,000 HU.  
Anode angle: 12°.

## Collimator

Iris collimation with dual opposing lead shutters allowing elliptical, round and rectangular collimation.  
Minimum beam size < 5 X 5 cm<sup>2</sup>.  
Iris and shutters are continuously variable.  
All functions remotely controlled from the C-Arm control panel.

## Fluoroscopy Mode

Focal spot: 0.6 mm.  
kVp range: 40 – 110 kVp.  
mA range: 0.1 – 3.1 mA Low Dose fluoro mode.  
mA range: 0.2 – 7.3 mA continuous High Definition fluoro boost mode.  
Auto and manual modes.  
Continuous or Pulsed operation.  
APF varies mA, kVp and camera gain.  
User specific APF tables.

## Pulsed Fluoroscopy Mode (optional)

Focal spot: 0.6 mm.  
kVp range: 40 – 120 kVp.  
mA range: 0.4 – 12 mA.  
Pulse rate: 6.25 or 12.5 pulses per second.  
Pulse width: 11 to 37 milliseconds.  
Computer controlled APF, mA, kVp and camera gain.