

BV-25 Gold Specifications*

MODEL:	BV25 Gold
@ 240 VAC:	20mA @ 100 kVp
Heat capacity, hu (X-RAY TUBE):	25000
Cooling, hu/min (Maximum output):	12000
Focal spot size, mm (X-RAY TUBE):	
Radiographic mode (Maximum output):	1.5
Fluoroscopic mode (Maximum output):	0.6
OPTIONAL FEATURES (PERFORMANCE):	Extended memory storage, second monitor, laser light, dose indicator
X-RAY TUBE ANODE:	Stationary
Maximum output:	
IMAGE INTENSIFIER:	
Diameter, cm (in) (WHEELS):	15(6),23/17(9/7), 23/13(9/5)
TV MONITOR SIZE, cm (in) (IMAGE INTENSIFIER):	43.2(17)
POWER REQUIREMENTS:	120/220 VAC, 30/16 A
H x W x D of C-arm frame, cm (in) (IMAGE PROCESSING AND STORAGE):	167x 90 x 166 (65.7x 35.4 x 65.4)
WEIGHT, kg (lb) (DISPLAY):	245 (540.2)C-arm, 175 (385.9)monitor
GENERATOR:	Converter
Kv range (X-RAY GENERATOR):	40
Ma range (IMAGING SYSTEM):	20
mAs RANGE (X-RAY TUBE):	Up to 80
Aec (X-RAY GENERATOR):	
EXPOSURE TIME, sec (MICROMANIPULATORS):	4
Kv range (X-RAY GENERATOR):	40
Ma range (IMAGING SYSTEM):	0.1-3.1
Pulsed fluoroscopy (X-RAY GENERATOR):	Yes
Pulses per sec (MONITOR):	Variable
Abs control (MONITOR):	kV and mA
IMAGE PROCESSING AND STORAGE:	
Video storage (IMAGE PROCESSING AND STORAGE):	Digital memory
Max. # of images (IMAGE PROCESSING AND STORAGE):	190
Image matrix size (IMAGE PROCESSING AND STORAGE):	480x 1400 x 10
Last taken image hold (IMAGE PROCESSING AND STORAGE):	Yes
Frame integration (IMAGE PROCESSING AND STORAGE):	Yes
DICOM COMPATIBLE (Focal spot size, mm):	Yes
CASSETTE HOLDER SIZES (Focal spot size, mm):	< 24 x 30
HARD COPY OPTION:	MF camera,
C-ARM:	
Free space, cm (in) (C-ARM):	70 (28) or 76 (30)
Depth, cm (in) (PA GANTRY):	55 (23) or 61 (24)
Orbital rotation, Å° (C-ARM):	+90/-25
Horizontal travel, cm (in) (C-ARM):	20(7.9)
Vertical movement, cm (in) (RADIATION DETECTOR):	50(19.7)
Panning motion, Å° (C-ARM):	±10
Pivot rotation, Å° (C-ARM):	±205
@ 120 vac (Maximum output):	20mA @ 100 kVp
OTHER SPECIFICATIONS (AIR SUPPLY):	Image intensifier is fibre-optically coupled to TV camera (CCD).

***Whilst we have taken care, we cannot guarantee the accuracy of this information. Interested parties are encouraged to make their own independent enquiries.**