



BRINGING LIFE TO LIGHT

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TRIVITRON
HEALTHCARE
speaking your language



Get in Touch!

We look forward to hearing from you.

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SURGICAL C-ARM SYSTEM

Mobility in a compact design with intuitive positioning
Image acquisition-processing-management-storage

Features

40 KHz x-ray generator with 3.5 KW and 5 KW output power options with stationary and rotating anode tubes

Minimum radiation dose requirement with selection of tailored fluoroscopy modes

Pulsed Fluoroscopy

Low Dose Fluoroscopy

Boost Fluoroscopy

Single Shot Fluoroscopy



Functionality

The C-arm features an intuitive software for convenient selection from multiple configurations

Real time image rotation and image capture

Accurate & reliable operations

High resolution image capture



270° on each side C-Arm rotation, with manual brake for locking



12° on each side C-Arm swiveling with manual brake for locking



Orbital Movement : 125°
Free Space : 780mm
SID : 980mm

CE
0120

Technical Specifications

KEY FEATURES	ELITE RA	ELITE 1K X 1K	ELITE 1K X 1K-DSA
OUTPUT POWER	5.0kW	5.0kW	5.0kW
TUBE CURRENT	12.0mA	12.0mA	12.0mA
kV (max.)	120kV	120kV	120kV
IMAGING RESOLUTION	CCD-752 X 582 pixels	1K X 1K	1K X 1K
MONITOR	17" LCD	19" LED Medical Grade	19" LED Medical Grade
FIELD OF VIEW	23cm/9"	23cm/9"	23cm/9"
FREE SPACE	82 cm	82 cm	82 cm
IMMERSION DEPTH	68 cm	68 cm	68 cm
ORBITAL MOVEMENT	125°	125°	125°
	(90° to -35°)	(90° to -35°)	(90° to -35°)
SPATIAL RESOLUTION	≥ 1.4 lp/mm	≥ 2.2lp/mm	≥ 2.2lp/mm
IMAGE STORAGE	Stand alone- storage up to 100 images	PC Based Memory-Image storage depends on HD	PC Based Memory- Image storage depends on HD
PORTABILITY OF IMAGE	USB drive, LAN connectivity	USB drive, LAN connectivity & CD writer	USB drive, LAN connectivity & CD writer

Technical Specifications

KEY FEATURES	INFINITY SA	INFINITY SA HD	INFINITY SA 1K X 1K
OUTPUT POWER	3.5kW	3.5kW	3.5kW
TUBE CURRENT	8.0mA	8.0mA	8.0mA
KV (max.)	110kV	110kV	110kV
IMAGING RESOLUTION	CCD-752 X 582 pixels	CCD-752 X 582 pixels	1K X 1K
MONITOR	17" LCD	32" HD	19" LED Medical Grade
FIELD OF VIEW	23cm/9"	23cm/9"	23cm/9"
FREE SPACE	82 cm	82 cm	82 cm
IMMERSION DEPTH	68 cm	68 cm	68 cm
ORBITAL MOVEMENT	125°	125°	125°
	(90° to -35°)	(90° to -35°)	(90° to -35°)
SPATIAL RESOLUTION	≥ 1.2lp/mm	≥ 1.4 lp/mm	≥ 2.2 lp/mm
IMAGE STORAGE	Stand alone- storage up to 100 images	Stand alone- storage up to 1000 images	PC Based Memory- Image storage depends on HD
PORTABILITY OF IMAGE	USB Drive	USB Drive and LAN Connectivity	USB drive, LAN connectivity & CD writer