Nuclear medicine

NUCARE

JanuCam™

Thyroid Gamma Camera

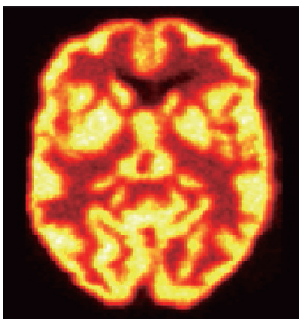
SMALL FOOTPRINT WITH ENHANCED MOBILITY

Compact footprint of the JanuCam™ provides flexible installation options. It requires only 2.4 m2 of floor space and can easily be folded to save space when not in use or moving.

Its folding feature with enhanced wheels, JanuCam™ can be easily transported to ER (Emergency Room) or OR (Operating Room) when necessary.

EASY OPERATION

The combination of vertical and tilt motion, JanuCam™ provides for effortless and precise placement of the measuring head to nearly any positions.
In addition the open design enables the system can image patent either on a chair or a patient bed.
Touch screen feature provide additional comfort to the user for customized preset, patient positioning and data acquisition.

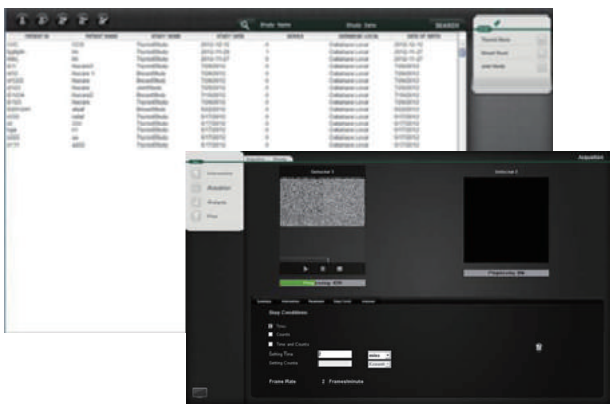


HIGH RESOLUTION SFOV IMAGES

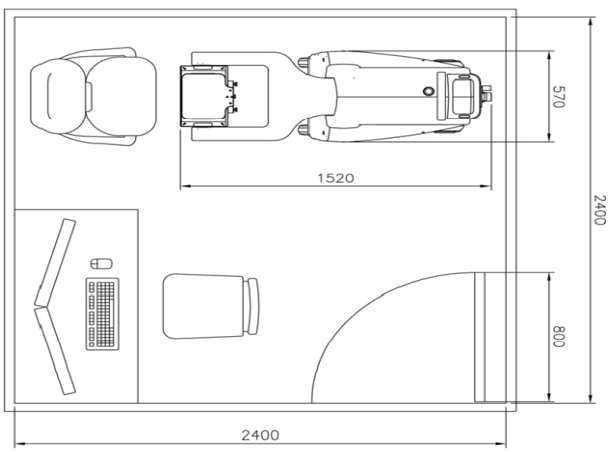
The JanuCam™ provides superior image quality enabled by small 1.5 inch PMTs.
The compact SFOV head is suitable for accessing organs such as thyroid, breast and joints.
Imaging protocol specific accessories and collimator design enhance the quality of high resolution image beyond superior.

Specification

System	Vertical motion	680 mm (690 –1370 mm detector position from the floor)
	Tilt motion	–90 to 90 degree
	Foot print	1520×570 mm
	Dimension/weight	570(W)×1520(D)×1400(H) mm / 240kg(529lb)
Detector	NaI(Tl)	276.3 x 168.3 mm
	Thickness	8 mm
	PMT	32ea, 1.5 in.
	Lead shield	8 mm
Collimator		LEGP, LEHR, LEPH
NEMA performance	FOV	230×150 mm
	Energy	20 – 200 keV
	Resolution	≦9.9% @ 140keV(Tc–99m)
	Intrinsic Uniformity	CFOV (2, 2.5%), UFOV (2, 2.5%)
	Intrinsic resolution	CFOV: 3.3, UFOV: 3.8 mm
	Intrinsic linearity	CFOV (0.2, 0.2 mm), UFOV (0.2, 0.7 mm)
	Max. count rate	200 kcps (20% window)
	Extrinsic resolution	6.5 mm FWHM (LEGP)
	Sensitivity	200 cpm/uCi (LEGP)
Acquisition console	A/D conversion	40 MHz (X,Y,Z), 1024 ch,
	Max image pixel	4096×4096
	Pile up	Pile up rejection
	Documentation	Color laser
Optional accessories		Dicom, phantoms, UPS, etc.



Application SW



Room Layout

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