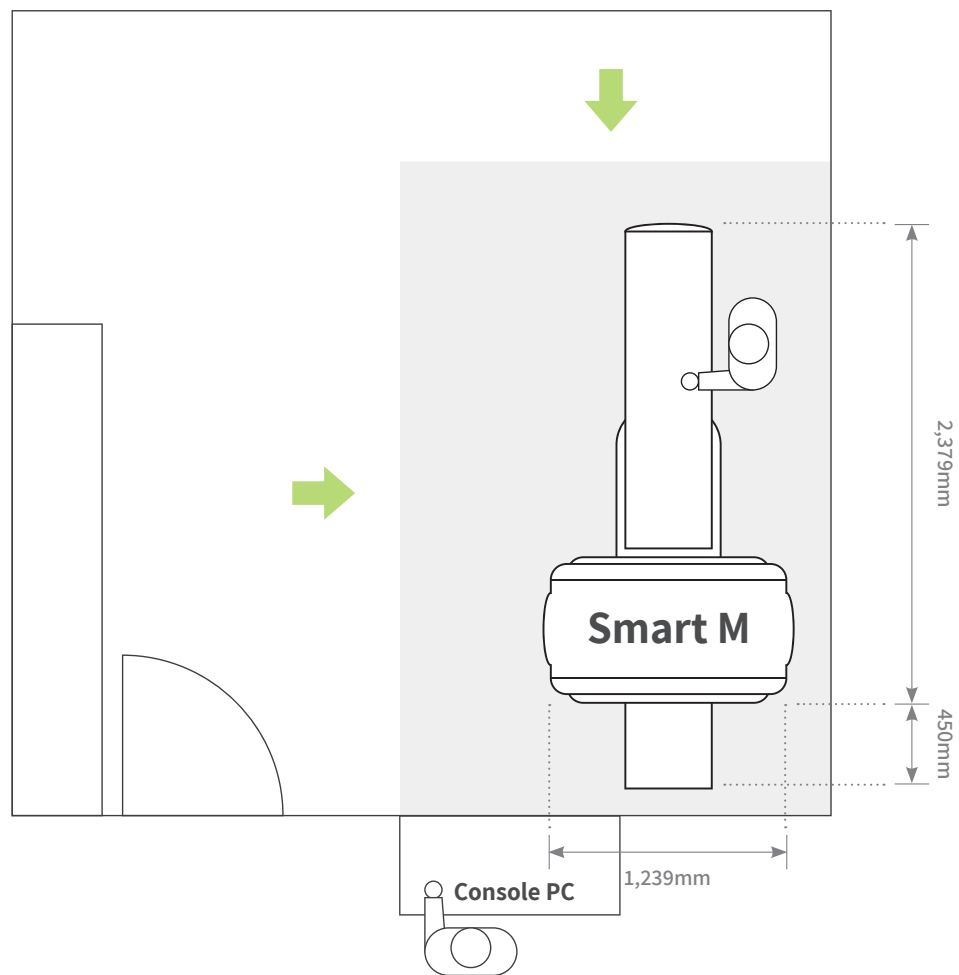


Specification



Mode	Extremity			Spine	Shoulder	Lung	
FOV (D X H) [cm]	15 X 15	30 X 15	30 X 42	15 X 25	30 X 10	30 X 13	30 X 23
Scan Time [s]	20	60	60	60	60	12	20
Voxel Size [mm]	Up to 0.2mm						
Weight	599.5 kg (incl. bed)						
Dimension (W x L x H)	1239*2379*1572mm3						
Bore Diameter	580mm						
Software	Ez3D Plus , Smart M Viewer, Dicom 3D viewer						
Power	100 – 240 V, 2.1kVA						



Fit in your own hospital

Smart M

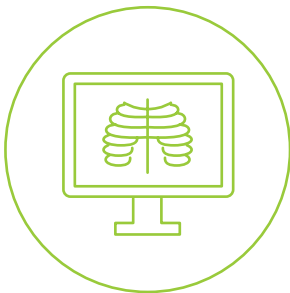
Smart M provides the high quality and versatile image for the information you need to guide your clinical decision making.

Main Feature



Special Custom-build

- Extra-mini room (3*2m²)
- Compact Solution for limited Space
- Common power supply of 220V



Superior-image

- Clarity diagnosis of Bone & Soft tissue
- Metal artifact Reduction
- Perfect protect solution from scatter

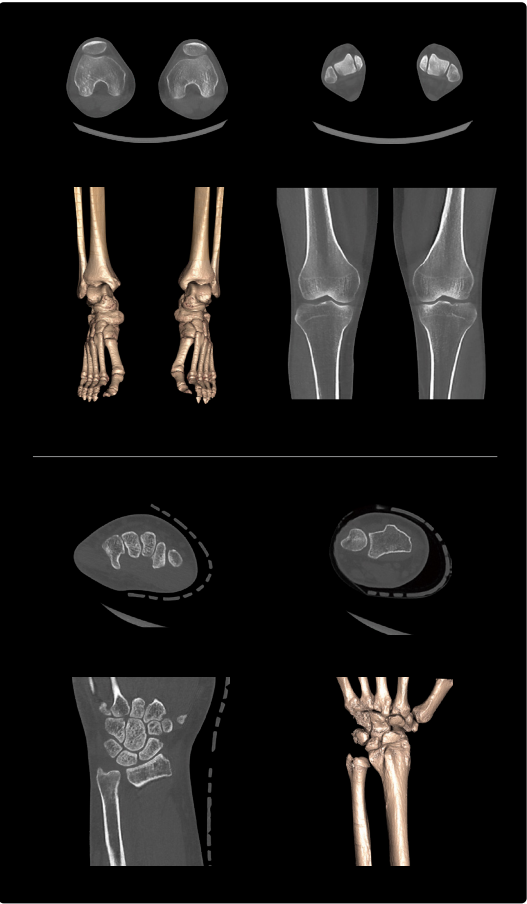


Safe-guards

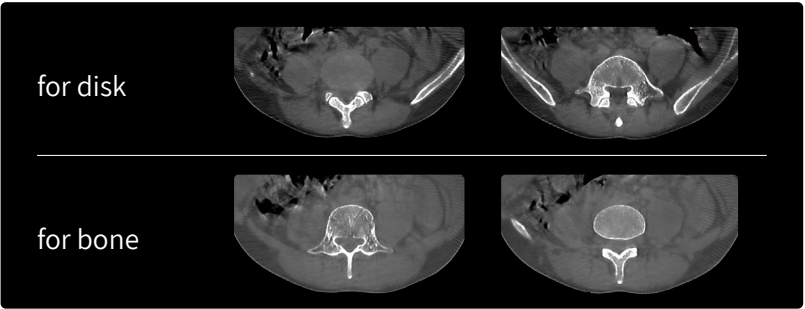
- 1/10 compare to medical CT
- High quality Image at low dose

Clinical Case

Etremity



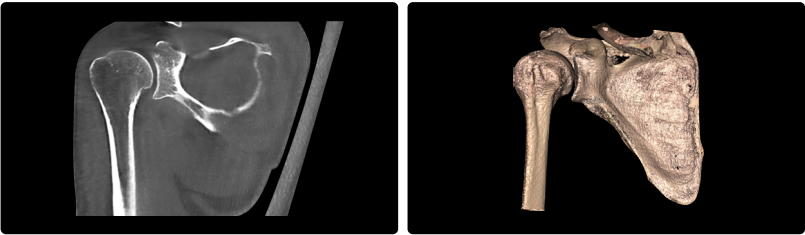
L-Spine



C-Spine



Shoulder



Not including specific medical system over 200 beds

Custom-build for Utilizing the Space

- Easy to set-up compare to Medical CT
- Easy to mobile for concurrent cases



1,239mm



2,379mm



450mm

Safe-Guards of 1/10

Smart M provides the high quality and versatile image for the information you need to guide your clinical decision making.



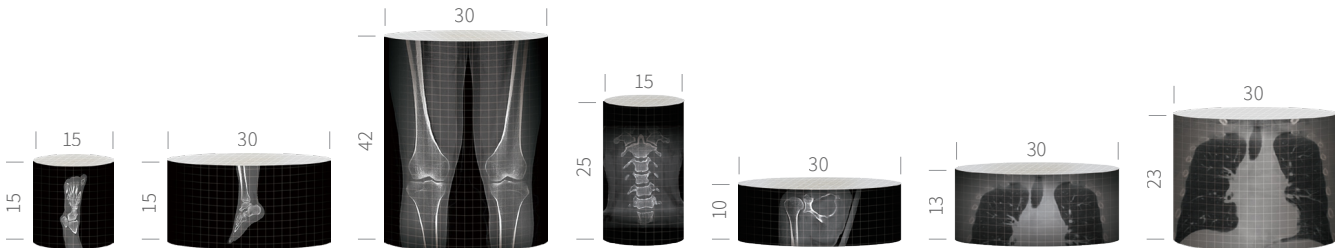
Superior Image

Clarity Diagnosis

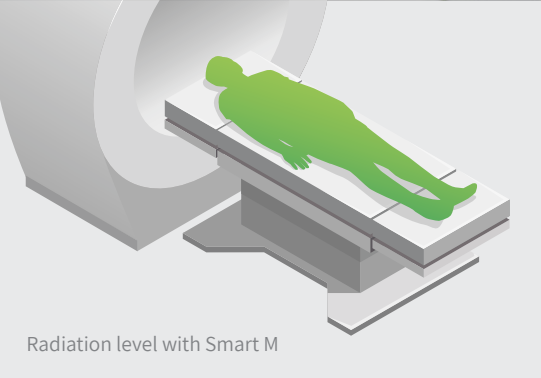
The innovative Smart M with protect solution from scatter brings image quality improvement. Innovative sensor design and proprietary image processing development provide you with high image quality of bone and soft tissue.

Extra FOV

Smart M provide multi - FOV with wide and long size. Multi FOV selection enables accurate scanning while keeping dose level to a minimum. It also offers diagnosis of long bone and scanning Whole MSK(Muscularskeletal), ever.

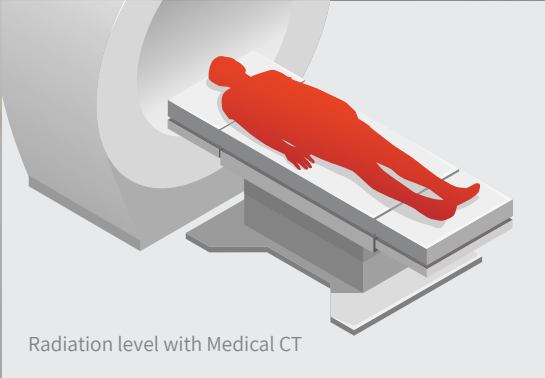


Lower dose



Radiation level with Smart M

High dose



Radiation level with Medical CT

Size(cm)	FOV 15 x 15	FOV 30 x 15	FOV 30 x 42	FOV 15 x 25	FOV 30 x 10	FOV 30 x 13	FOV 30 x 23
Region	Extremity			Spine	Shoulder	Lung(short)	Lung(Long)
Clinical Implication	- Largest FOV size, exposure the wide and long areas such as upper and lower extremities - High resolution mode, detailed partial exposure mode - Surgical operation plan before surgery - Progress diagnosis after the surgery			- Herniated Disk diagnosis of fracture site	- Scapula, Shoulder and Clavicle fracture diagnosis - Hip joint	- Inflammation diagnosis - Early stage pneumonia diagnosis - Diagnosis of lung cancer, solitary pulmonary nodule	

Always with your hospital

Smart M

+ Plus benefit

- Remote Support even when it is impossible to visit
- Routine maintenance (twice a year)
- Optimizing operation system by user training

Compact size
Convenient scanning

No problem in scanning even
though it's smaller than Medical CT

User Interface
Control Panel both side

Easy

Easy patient positioning
by the specialized bed



Smart M Viewer

Workflow Oriented UI:

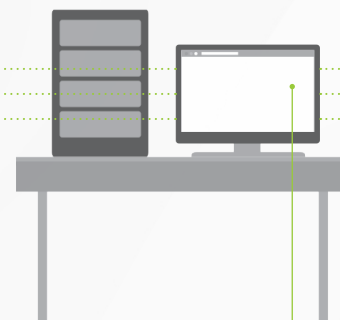
Improve the accessibility and convenience

All-in-One Data Management :

Easy to manage by checking the patient information and captured images at a glance

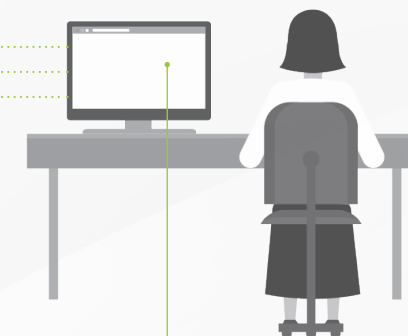
Smart M

Smart M provides the high quality and versatile image for the information you need to guide your clinical decision making.



PACS

Dicom Support
Dicom PACS Sync



Ez3D Plus

Utilizing the 3D Image what you want such as 3D Volume Rendering, Sectional Slicing, 3D Zoom and Image Export