

Redefining the User Experience at Incredible Value

EXSYS DEXI

DRTECH



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BR-EXSDA-01-EN-R1

EXSYS DEXi

At a glance



Extend usability with the customizable solution

EXSYS DEXi can be easily combined with various detectors, generators, tubes, and tables of different options to meet the needs of the hospital environment.

Explore limitless exam possibilities with a wider imaging area

With **4357 and LLD**, multiple positions can be acquired in a single acquisition, improving patient throughput, workflow, and imaging efficiency.

Equipped with a reliable DRTECH generator

DRTECH Generator is designed to prevent tube overload, protecting the equipment from damage. It also improves patient imaging efficiency by minimizing waiting times with its fast output capabilities.

User & patient-friendly design for comfortable examination

With EXSYS DEXi's ergonomic design and enhanced usability, both users and patients can enjoy a more satisfying experience.

WALL BUCKY STAND

Make your selection based on your needs



4343 4357 LLD

OP CONSOLE

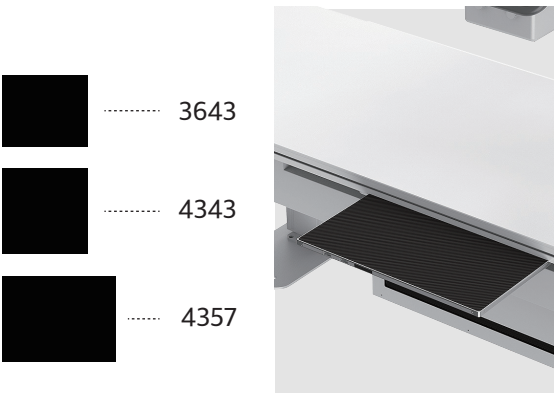
Intuitive 10.1" large touchscreen display

Auto Alignment & Tracking*

Quick and easy positioning speeds workflow, improves image consistency & prevents retakes.

- Auto Alignment (Stand & Tube updown)
- Auto Alignment (Table & Tube updown)
- Auto tracking

TABLE DETECTOR



PATIENT TABLE

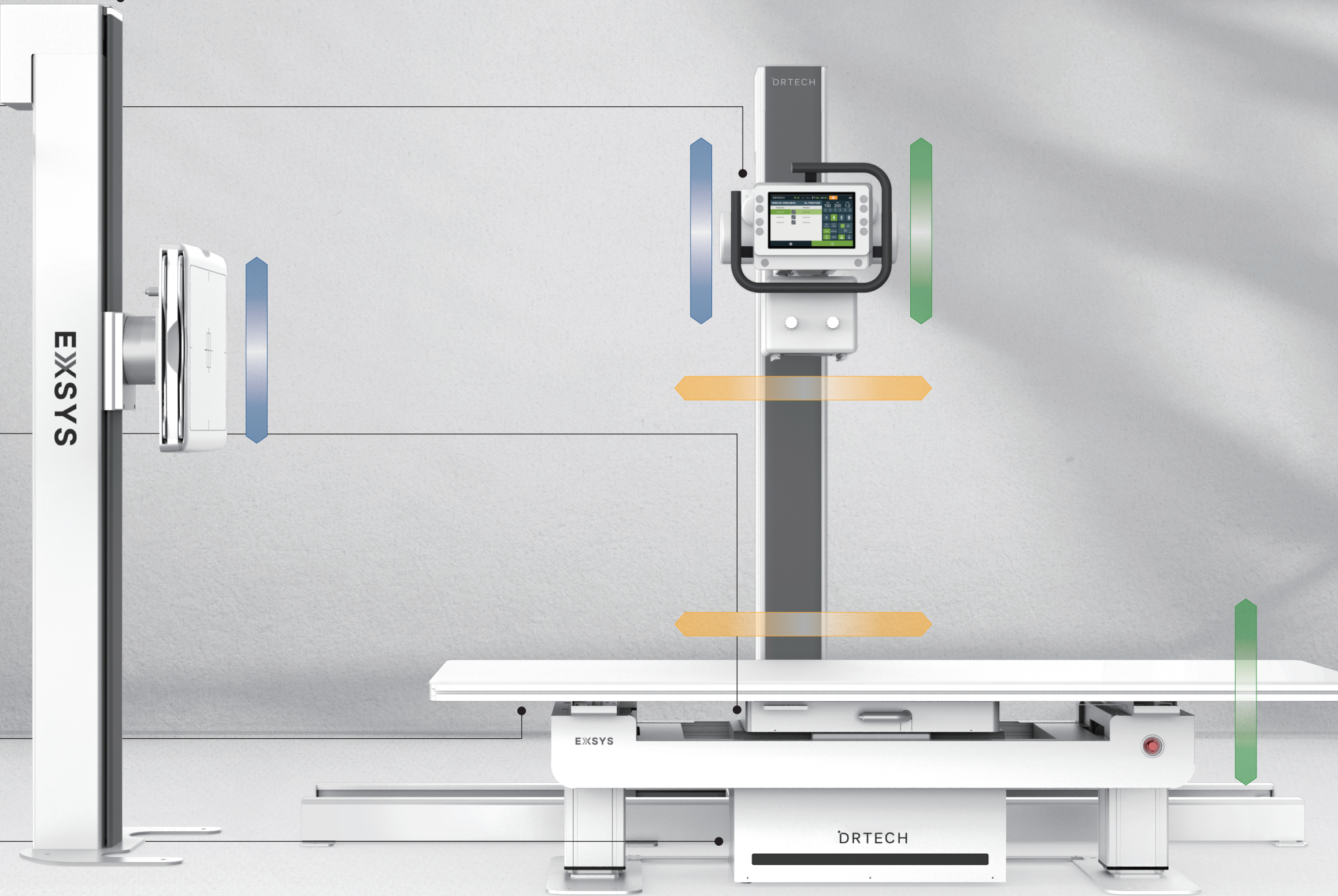
4-way / 6-way patient table

GENERATOR

40kW / PSU 40kW / 50kW

Redefining the User Experience at Incredible Value

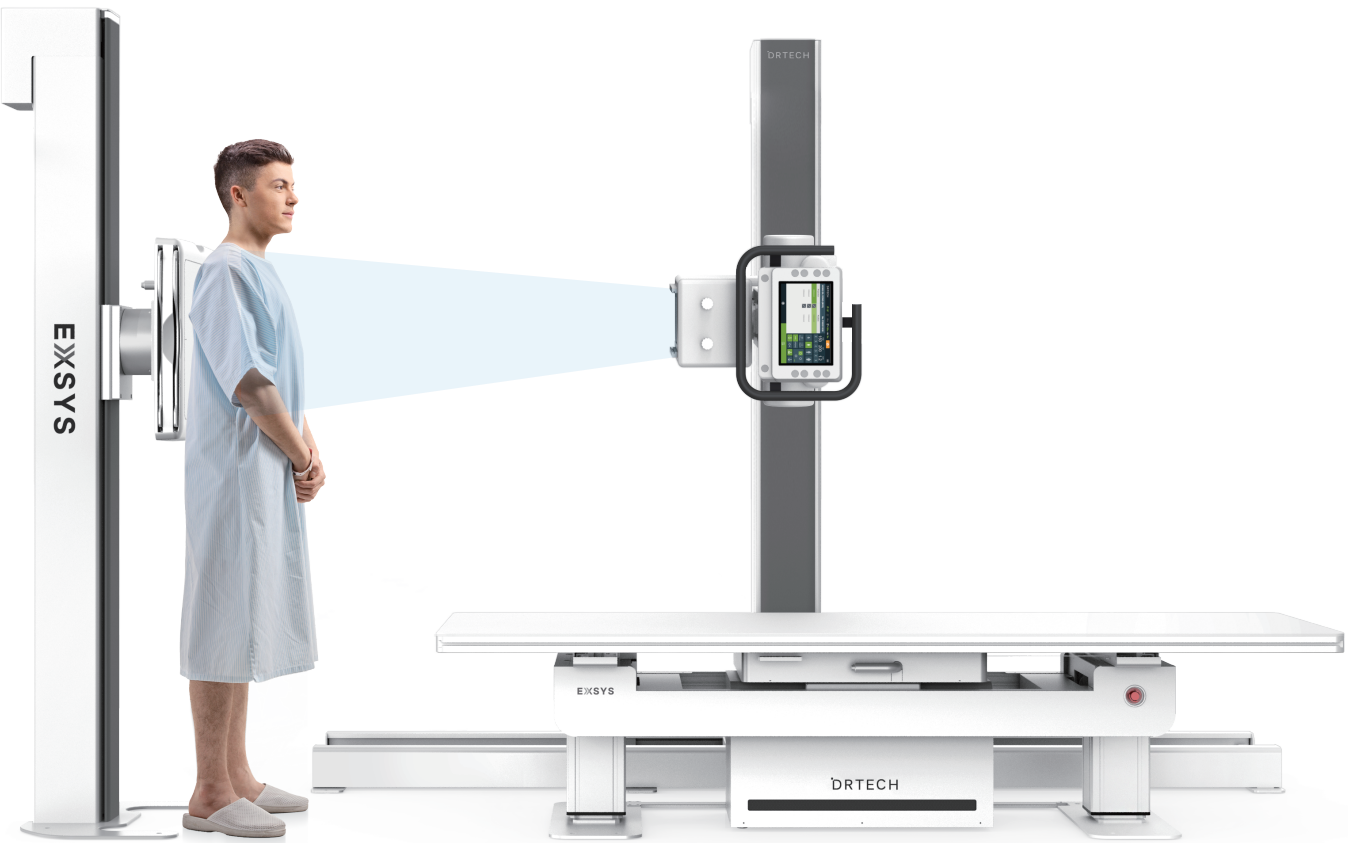
EXSYS DEXI



* EXSYS DEXi Auto only

Improved Workflow & Comfortable Examination

User & patient-friendly design



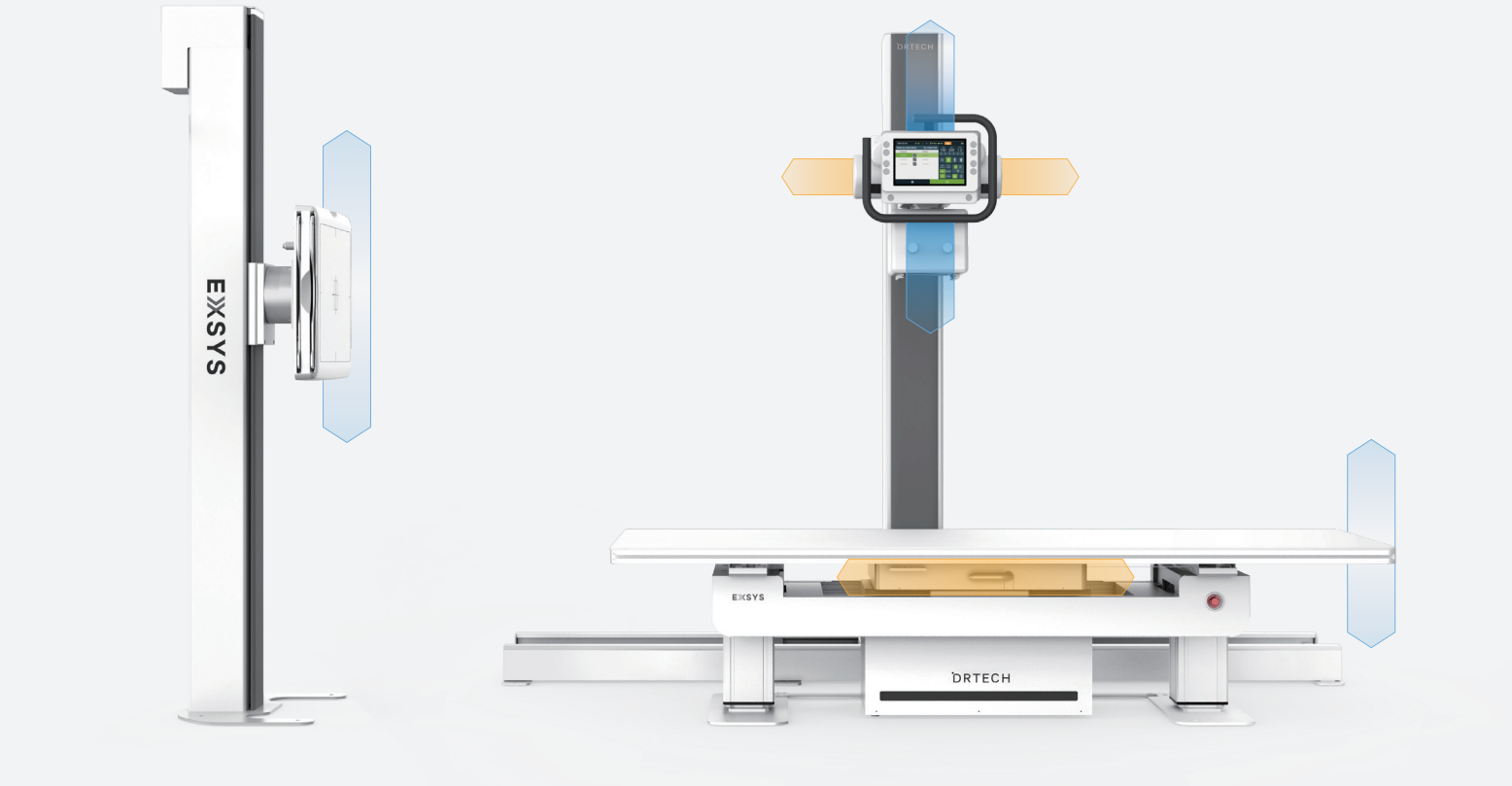
Intuitive 10.1" large touchscreen display
User-oriented handle design with disable-all-locks function.



EXSYS RAD's soft-curved design provides a calming and reassuring examination environment where patients can take a comfortable posture.

Faster and Convenient Auto Alignment & Auto Tracking

EXSYS DEXI Auto



Quick and easy positioning

EXSYS DEXi eliminates manual adjustments with automatic alignment and synchronization. Motorization ensures easy system positioning, reducing physical effort required for exam preparation.

Accelerates your workflows

Using automatic functions reduces walking and manual exertion, facilitates easier patient alignment, and minimizes patient dose for clear images.

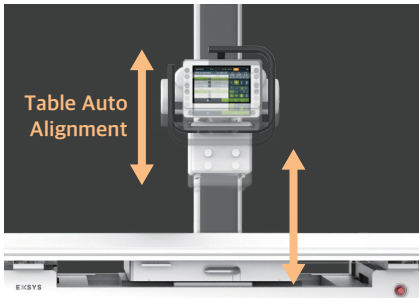
Automatic Tube-detector Tracking System

Automatic tube-detector tracking synchronizes the movement of the X-ray tube and the flat-panel detector.

Auto Alignment

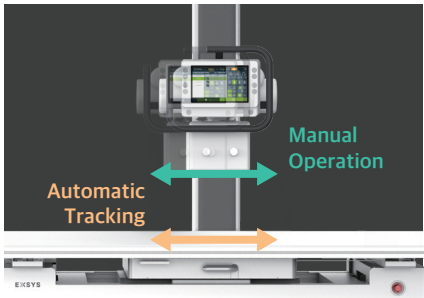


Motorized vertical alignment between tube and wall stand.



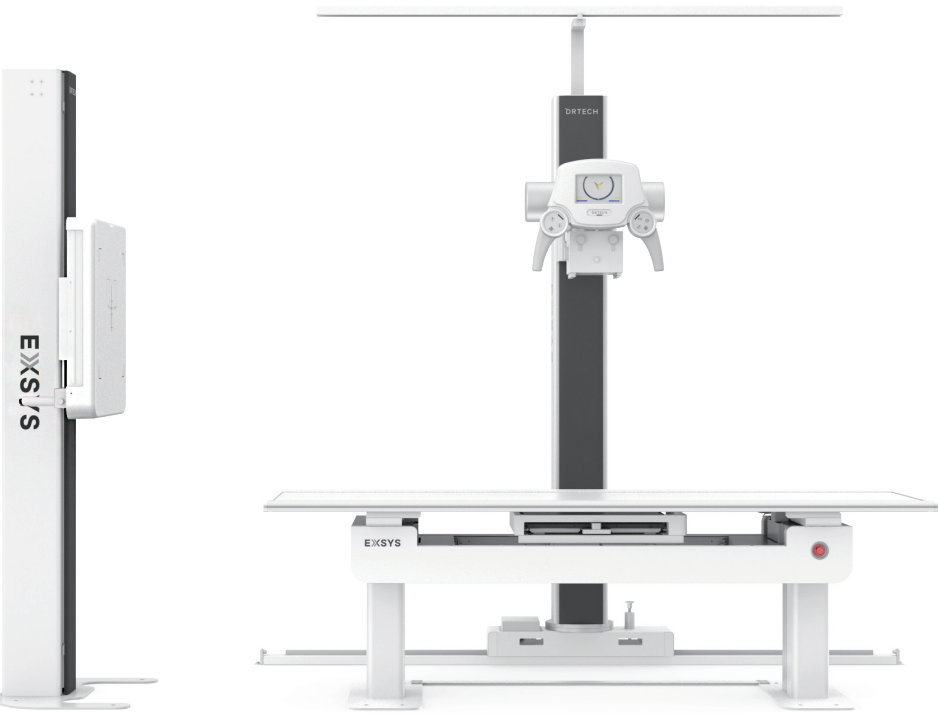
Motorized vertical alignment between tube and patient table.

Auto Tracking



The table bucky tracks the horizontal movement of the tube.

EXSYS DEXi Product Type



EXSYS DEXi Manual



EXSYS DEXi Standard
EXSYS DEXi Auto

Product type	EXSYS DEXi Manual	EXSYS DEXi Standard	EXSYS DEXi Auto
Patient Table	4 Way & 6 Way	4 Way & 6 Way	6 Way (Auto center Alignment)
Wall Bucky Stand / Tube Stand	Manual	Manual	Motorized & Manual
Console	Generator Console	Econsole 1 & Econsole 2	Econsole 1 & Econsole 2

EXSYS DEXi Manual

Model Name		EXSYS DEXi -A401S-FRM	EXSYS DEXi -A402S-FRM	EXSYS DEXi -A401P-FRM	EXSYS DEXi -A402P-FRM	EXSYS DEXi -A503T-FRM
Generator		40kW Single-Phase (DXG-40S)		40kW Single-Phase+PSU (DXG-40P)		50kW Three-Phase (DXG-50T)
Tube		Canon (E7239X)	Canon (E7242X)	Canon (E7239X)	Canon (E7242X)	Canon (E7884X)
Collimator		M-38				
Equipment	Tube stand	Manual Type Membrane Tube Stand (DTS-M)				
	Bucky stand	4343 Detector Bucky Stand (DBS-43M) / LLD Bucky Stand A Type (EXSYS LLD) / LLD Bucky Stand B Type (EXSYS LLD C)				
	Patient Table	4 way Patient Table (DPT-4A) / 6 way Patient Table (DPT-6A)				

EXSYS DEXi Standard

Model Name		EXSYS DEXi -D401S-FRM	EXSYS DEXi -D402S-FRM	EXSYS DEXi -D401P-FRM	EXSYS DEXi -D402P-FRM	EXSYS DEXi -D503T-FRM
Generator		40kW Single-Phase (DXG-40S)		40kW Single-Phase+PSU (DXG-40P)		50kW Three-Phase (DXG-50T)
Tube		Canon (E7239X)	Canon (E7242X)	Canon (E7239X)	Canon (E7242X)	Canon (E7884X)
Collimator		M-38 / Ralco (R 221/A DHHS)				
Equipment	Tube stand	Manual Type LCD Tube Stand (DTS-M)				
	Bucky stand	4343 Detector Bucky Stand (DBS-43M) / LLD Bucky Stand A Type (EXSYS LLD) / LLD Bucky Stand B Type (EXSYS LLD C)				
	Patient Table	4 way Patient Table (DPT-4A) / 6 way Patient Table (DPT-6A) / 4 way Patient Table (DPT-4B) / 6 way Patient Table (DPT-6B)				

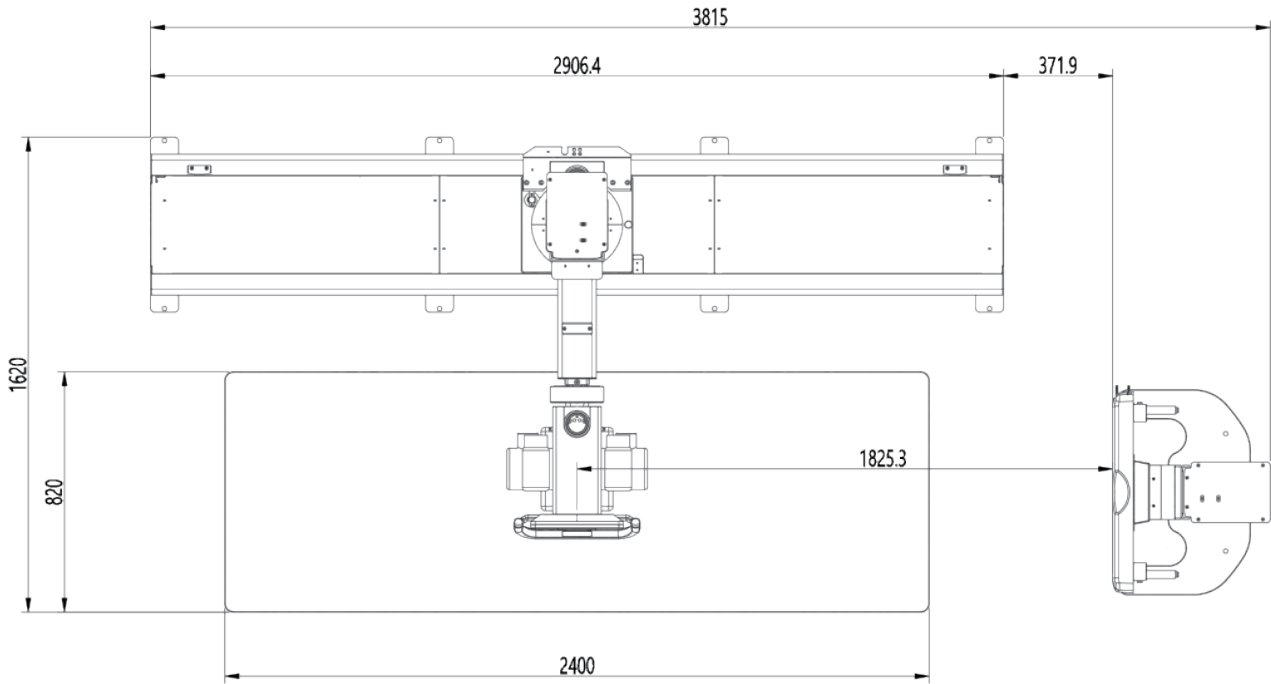
EXSYS DEXi Auto

Model Name		EXSYS DEXi -D401S-FRA	EXSYS DEXi -D402S-FRA	EXSYS DEXi -D401P-FRA	EXSYS DEXi -D402P-FRA	EXSYS DEXi -D503T-FRA
Generator		40kW Single-Phase (DXG-40S)		40kW Single-Phase+PSU (DXG-40P)		50kW Three-Phase (DXG-50T)
Tube		Canon (E7239X)	Canon (E7242X)	Canon (E7239X)	Canon (E7242X)	Canon (E7884X)
Collimator		Ralco (R 225 ACS DHHS)				
Equipment	Tube stand	Auto Type LCD Tube Stand (DTS-A)				
	Bucky stand	4343 Auto Bucky Stand (DBS-43A) / LLD Bucky Stand A Type (LLD 129 with Rotation) / LLD Bucky Stand B Type (LLD 129 Compact) / 4357 Auto Bucky Stand (DBS-57A)				
	Patient Table	6 way 4343 Bucky Tracking Patient Table (DPT-6AT) / 6 way 4357 Bucky Tracking Patient Table (DPT-6BT)				

E~~XS~~YS DEXI Specification

Generator

Spec.	DXG-40S (40kW)	DXG-40P (PSU 40kW)	DXG-50T (50kW)
Output Rating	40kW	40kW	50kW
Input power	220-230VAC±10%, 50/60Hz, Single-Phase	100V/220-230VAC±10%, 50/60Hz, Single-Phase	230V/380V/400V/480VAC±10%, 50/60Hz, Three-Phase
kV Range	40~125kV, 1kV Step	40~125kV, 1kV Step	40~150kV, 1kV Step
mA Range	10 to 500mA	10 to 500mA	10 to 630mA
Time Range	0.001 to 10sec	0.001 to 10sec	0.001 to 10sec
Rotor Supply	Low Speed	Low Speed	Low Speed
Max.Power Output	500mA@80kV	500mA@80kV	630mA@80kV
	400mA@100kV	400mA@100kV	500mA@100kV
	320mA@125kV	320mA@125kV	320mA@150kV



Tube Stand

	DTS-M (Manual)	DTS-M (Standard)	DTS-A (Auto)
Vertical Movement	1,520mm		
Operation	Manual		Motorized & Manual
Transverse Movement	250mm		
Tube Rotation	±180°		
Longitudinal Movement	2400mm		
Column Rotation	±180° Foot Lock		
Collimator	M-38	M-38, Ralco R221/A DHHS	Ralco R 225 ACS DHHS
X-ray Tube	E7239X, E7242X, E7884X		
OP Console	Membrane Type	10.1" Touch Screen	

Patient Table

		4 Way Table (DPT-4A)	6 way table (DPT-6A)	4 way table (DPT-4B)	6 way table (DPT-6B)	6 way Auto table (DPT-6AT)	6 way Auto table (DPT-6BT)
Applied Type		Manual, Standard		Standard		Auto	
Top Plate		2,200mm x 820mm					
Stroke	Vertical	-	0~300mm ±10%	-	0~300mm ±10%	Motorized(300mm ±10%)	
	Horizontal	0~800mm ±10%	0~800mm ±10%	0~800mm ±10%	0~800mm ±10%	0~800mm ±10%	0~800mm ±10%
	Longitudinal	0~250mm ±10%	0~250mm ±10%	0~250mm ±10%	0~250mm ±10%	0~250mm ±10%	0~250mm ±10%
	Table Bucky	0~600mm ±10%	0~600mm ±10%	0~500mm ±10%	0~500mm ±10%	0~600mm ±10%	0~500mm ±10%
Grid Type		Oscillating (Spring Type)					
Auto Center Alignment		-	-	-	-	Yes	Yes
Max. Parient Weight		300kg					
Foot Switch		1 Pedal	4 Pedal	1 Pedal	4 Pedal	4 Pedal	4 Pedal

LLD Bucky Stand

	LLD 129 with rotation	LLD 129 compact
Vertical	1,643.2mm	
Bucky size (WxL)	490 x 1,368mm	
Handle	Manual (0°~ 90°)	
SID	2,900mm	
Stand Bucky	428mm	
Bucky Rotation	O	X

Wall Bucky Stand

	DBS-43M	DBS-57M	DBS-43A	DBS-57A
Applied Type	Manual, Standard	Standard	Auto	
Vertical Movement	1,520mm			
Motorized	Manual		Motorized & Manual	
Grid Type	Oscillating (Spring Type)			

Option

LLD Bucky Stand
Automatic Exposure Control (AEC)
Dose Area Product (DAP) meter

New Standard in General Radiography:

View More, Examine Faster by 4357



Wider Imaging Area

With an indicator size of 43x57cm (17" x 22"), It is possible to acquire large anatomical areas with a single shot without image distortion.



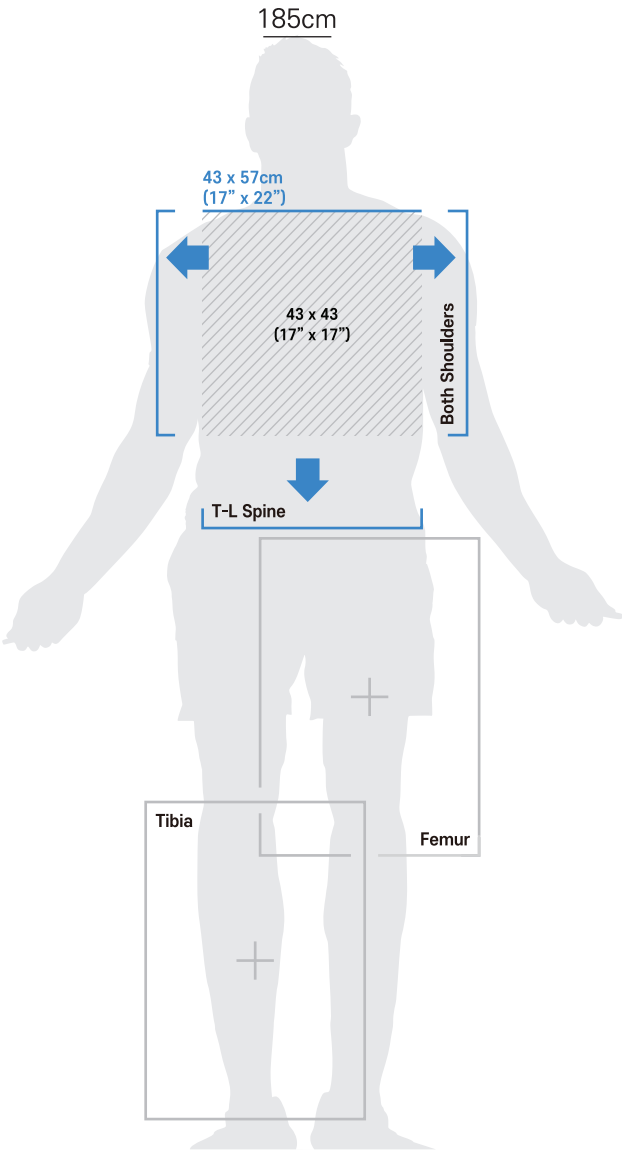
Enhanced Workflow and Increased Throughput

Easy and fast patient positioning is possible with a wide image area resulting in increased throughput and imaging efficiency.



Reduced Patient Dose with Single Exposure

Using a single exposure to capture wider images provides high-resolution images and contributes to reducing patient dose for enhanced safety.



● **Benefits of 4357 Wall Bucky Stand**

	43x43cm (17"x17")	43x57cm (17"x22")
Abdomen	Restricted diagnosis due to limited anatomical coverage.	Full visualization for easier and more efficient diagnosis.
Both shoulders	Requires diagonal positioning on the detector to fit within 43×43 cm.	Easy & fast patient positioning for enhanced satisfaction.

● **Benefits of 4357 Table Detector**

	43x43cm (17"x17")	43x57cm (17"x22")
Chest	Reduced workflow efficiency due to the need to center the X-ray tube on the detector.	Full visualization for easier and more efficient diagnosis.
Tibia / Femur	Requires diagonal positioning on the detector to fit within 43×43 cm.	Easy & fast patient positioning for enhanced satisfaction.
Abdomen	Restricted diagnosis due to limited anatomical coverage.	Full visualization for easier and more efficient diagnosis.

High-Resolution One-shot Long Length Image
by **LLD(Long Length Detector)**



Increased Productivity & Accuracy

As LLD captures an entire long-length image, it provides a large field of view and high-resolution images to deliver high-quality leg and spine exams with a single-shot examination.



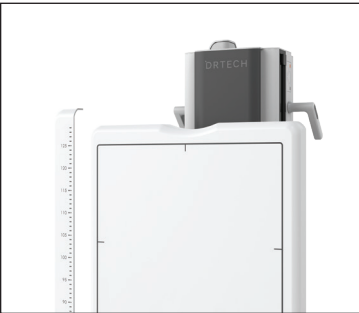
World's First Auto ROI for Multi-mode Imaging

Auto ROI enables the acquisition of images in various imaging modes by automatically recognizing exposed areas in real time. Users can capture images of any part of the body without size or area limitations.



Enhanced Workflow & Decreased Patient Discomfort

Utilizing a single exposure to capture long-length images prevents retakes, thereby reducing exam time and patient dose to enhance safety for both patients and radiologists.



Highly Durable & Easily Attachable Lead Ruler



Adjustable Patient Handles for Greater Patient Stability



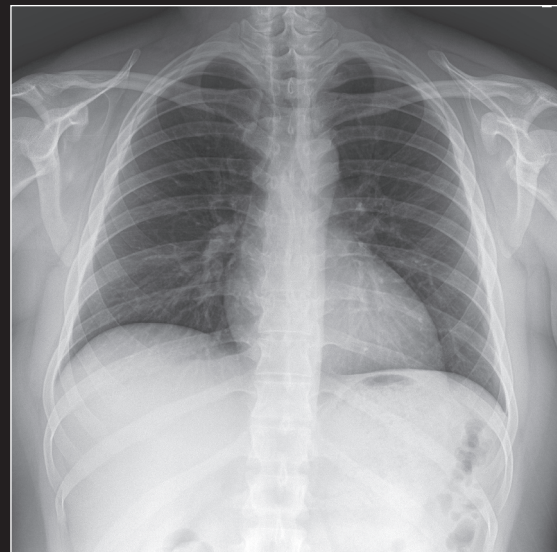
LLD Long Bone



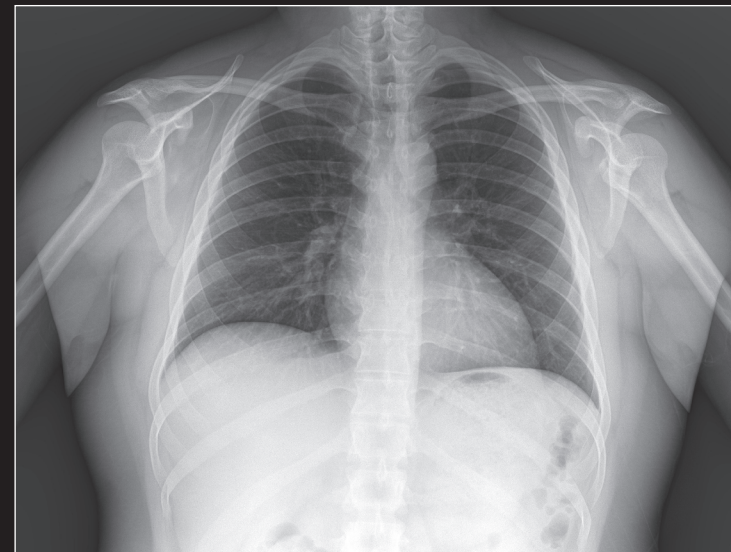
More Information with More Efficiency
Faster, Sharper, Clearer

4343 vs 4357

Conventional 43x43



EXPEED4357

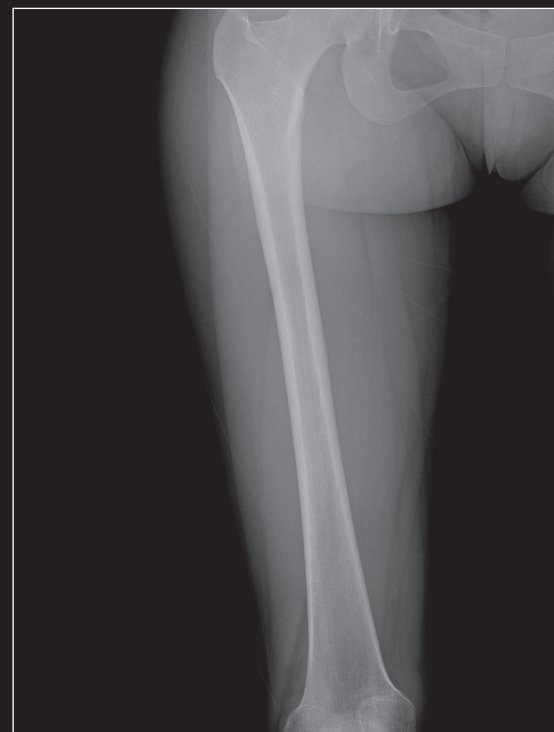


Conventional 43x43



Femur positioned diagonally
on the detector to fit 43x43

EXPEED4357



Full visualization of the Femur
and no rotation required to fit on EXPEED4357

Unlimited Exam Possibilities
With Longer & Wider Size Imaging Area

4343 vs 4357 vs LLD

