

Helps you work smarter

With the Kodak DirectView DR 9000 system there is every reason to go digital:

- Opportunity to *reduce procedure time and increase patient throughput* through elimination of film and cassette handling, preview image available in 12 seconds or less, reduced retakes due to extended exposure latitude, and an exam tutor to track completed views and simplify complex examinations.
- Capability to *improve productivity* with automatic image processing, and connectivity to both RIS and PACS.
- Potential to *diagnose sooner* with 35-second imaging cycle time (QC images available in 12 seconds or less), and automatic image routing to multiple destinations.
- Opportunity to *improve patient care* by allowing the technologist to stay with the patient instead of leaving to process images, and the potential to reduce patient radiation dose due to the need for fewer repeat exposures.



Site Planning for the KODAK DIRECTVIEW DR 9000 System

SPECIFICATIONS

Minimum Size Requirements

Room Size:	14 x 16 ft 6 in. (4.27 x 5.03 m) (with floating top table) 13 x 14 ft (3.96 x 4.27 m) (with movable table)
Ceiling Height:	Minimum: 9 ft 5 in. (2.9 m) high / Maximum: 11 ft (3.4 m) high
Control Areas with Partitioned Wall:	84 in. (213 cm) high to the top
Door Size:	84 x 34 in. (213 x 86 cm)
Hallway Width:	60 in. (152 cm)

Key Components Dimensions

	Width	Height	Depth	Weight
X-ray Generator:	34 in. (86 cm)	78 in. (198 cm)	17 in. (43 cm)	831 lb (377 kg)
Digital Overhead System:	72 in. (183 cm)	77 in. (196 cm)	35 in. (89 cm)	1,099 lb (499 kg)
Operator Console:	34 in. (86 cm)	44 in. (112 cm)	22 in. (56 cm)	295 lb (134 kg)

Direct Capture System Specification

Detector Type:	Amorphous selenium single-piece x-ray detector
Active Image:	14 x 17 in. (35 x 43 cm) nominal active image area
Detector Element Pitch:	139 µm
Detector Nyquist Frequency:	3.6 cy/mm
Dynamic Range:	14-bit data captured (linearly)

X-ray Generator

Output:	80-kW high-frequency output with digital feedback control circuitry
Range of Output:	800 mA at 100 kVp 500 mA at 135 kVp 400 mA at 150 kVp

Ceiling-Mounted U-Arm System

Variable SID:	40–72 in. (102–183 cm)
Multiplanar Motions with Electromagnetic Locks:	U-arm rotates + 180° on horizontal axis U-arm rotates + 180° on vertical axis Vertical drive: 41 in. (105 cm) Longitudinal travel: 170 in. (432 cm) Transverse travel: 77 in. (196 cm)
Motion Controls:	Operators handle with push-button controls

Patient Support Options Dimensions

	Movable Table	Floating Top Table
Overall Height:	28, 30, or 32 in. (71, 76, or 81 cm)	23.5–33.3 in. (60–85 cm)
Overall Width:	26.5 in. (67 cm)	24 in. (61 cm)
Overall Length:	84 in. (213 cm)	85.3–90.3 in. (217–230 cm)
Uncrated Weight:	280 lb (127 kg)	250 lb (113 kg)
Top Transverse Travel:	N/A	± 5 in. (13 cm)
Table Attenuation:	0.8 mm Al	0.75 mm Al
Tilt Angle:	Does not tilt	Does not tilt
Maximum Patient Weight:	500 lb (225 kg)	450 lb (205 kg)

Network Capability

DICOM 3.0:	Print service class Storage service class Multiple destination routing Optional modality workload management
Connectivity:	Kodak DryView laser imagers and Kodak DirectView PACS Third-party DICOM-compliant devices
Patient Demographic:	Through HIS/RIS

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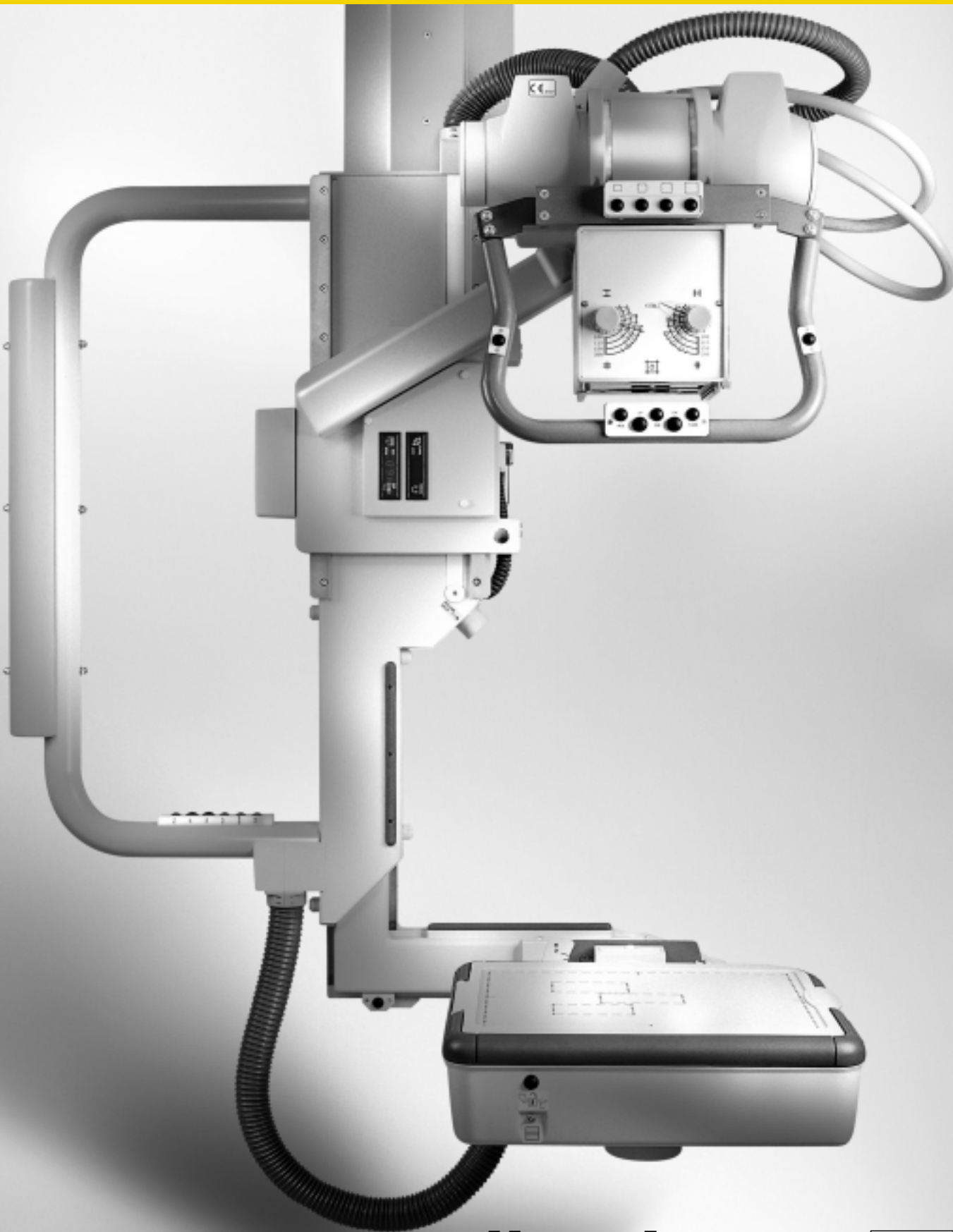
Learn more

For more information about the Kodak DirectView DR 9000 system, call toll free: 1-877-TO-KODAK (1-877-865-6325), ext. 227 or visit www.kodak.com/go/dr

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HEALTH IMAGING
A BETTER VIEW OF LIFE.



KODAK DIRECTVIEW DR 9000 System

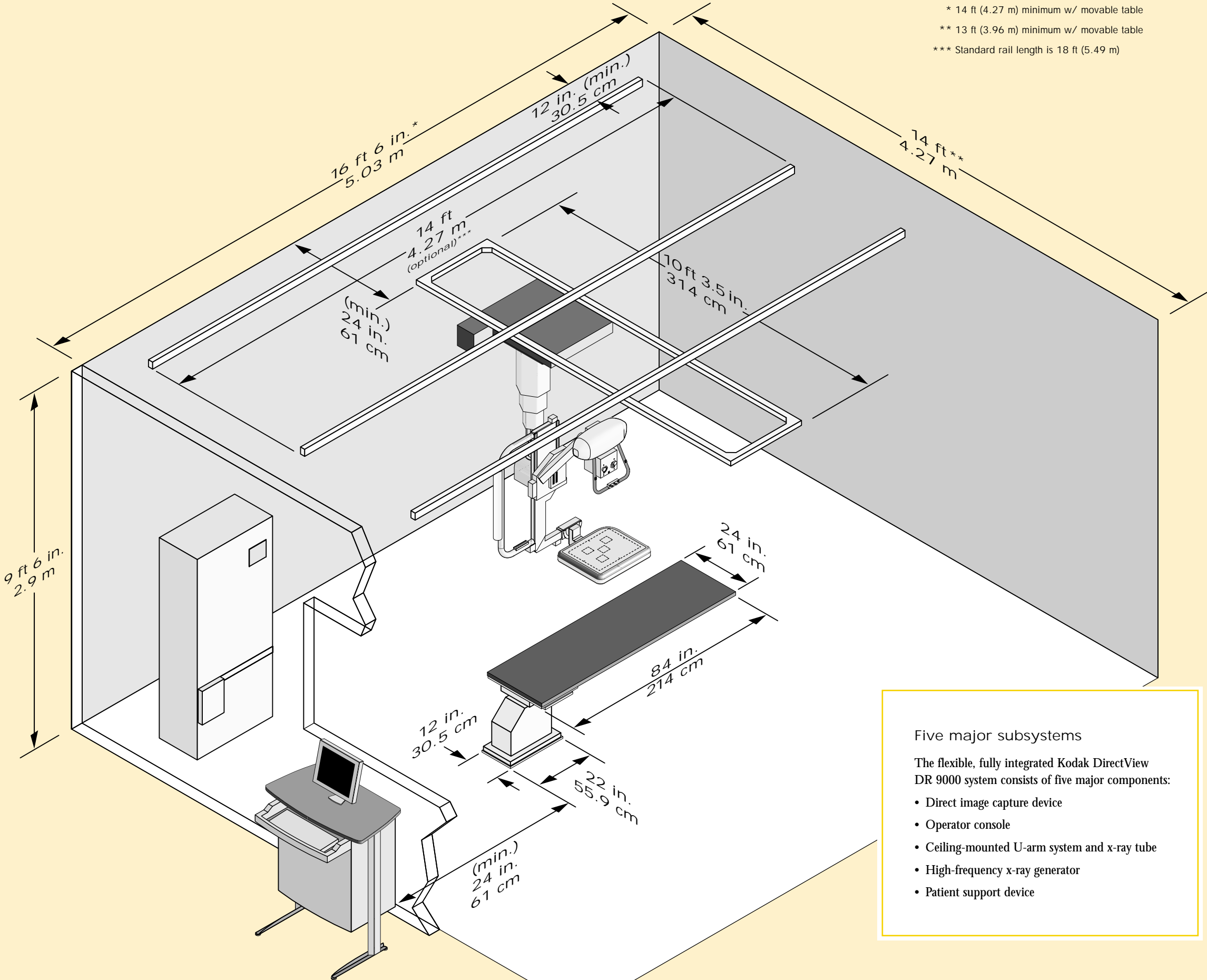
The Kodak DirectView DR 9000 system is designed for general radiography and trauma examinations. A ceiling-mounted U-arm features a variable source-to-image detector distance to accommodate a full range of radiology exams and also permits independent tube and bucky angulation.

The system features direct digital image capture technology. In direct DR there is no need to convert x-rays into light before converting them into electronic signals. Eliminating the light-conversion step means your diagnostic images have a highly precise signal profile and excellent resolution for fast and accurate diagnosis.

The illustrations in this document will serve only as a guide for room-size requirements, along with depicting key subsystems of the DR 9000 system. Full requirements for the system are outlined in Kodak publication no. 4E8400, *KODAK DIRECTVIEW DR 9000 System Site Specifications*, and should always be used for detailed planning purposes. This document includes, among other information, complete room, electrical, phone, network, and environmental requirements. Detailed component dimensions and weights are also provided.

Additionally, purchase of a Kodak DR system includes customized preliminary and final site plans. Options are available for service agreements and consulting, planning, assessment, design, and implementation of an imaging network.

Minimum room-size requirements with floating top table.

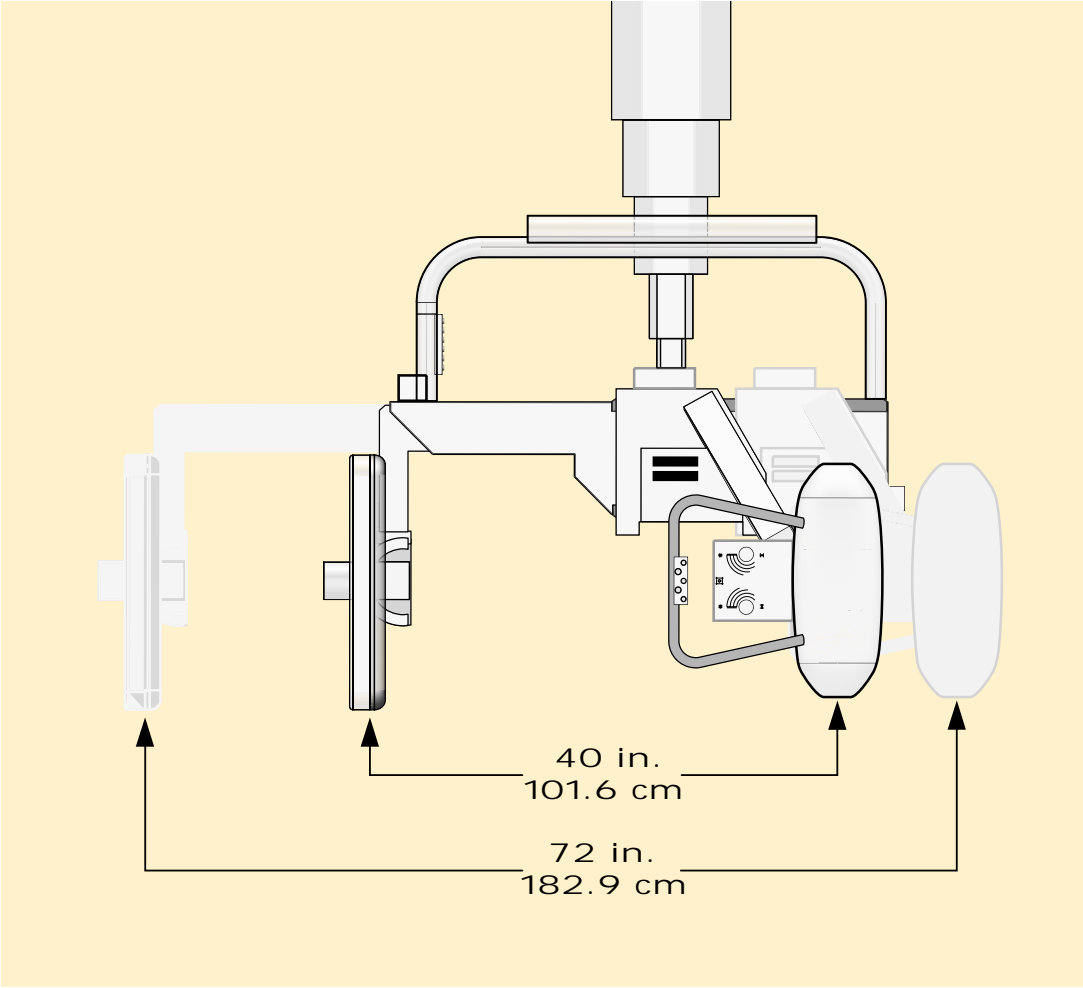


Five major subsystems

The flexible, fully integrated Kodak DirectView DR 9000 system consists of five major components:

- Direct image capture device
- Operator console
- Ceiling-mounted U-arm system and x-ray tube
- High-frequency x-ray generator
- Patient support device

The DR 9000 system offers variable SID.



The tube and the detector of the DR 9000 system can be angled independently.

