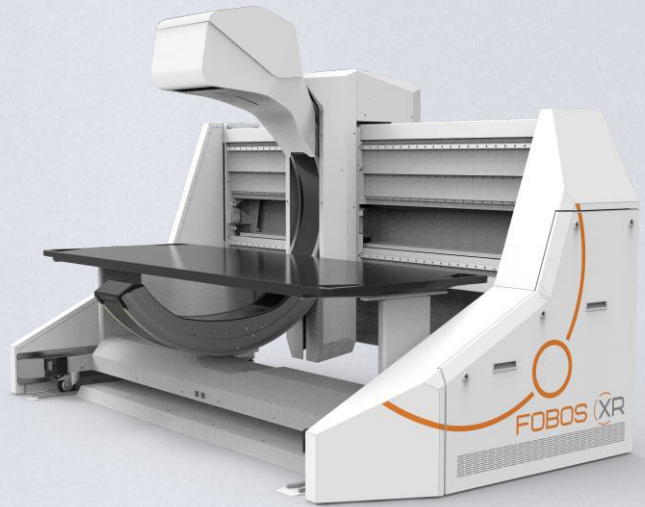


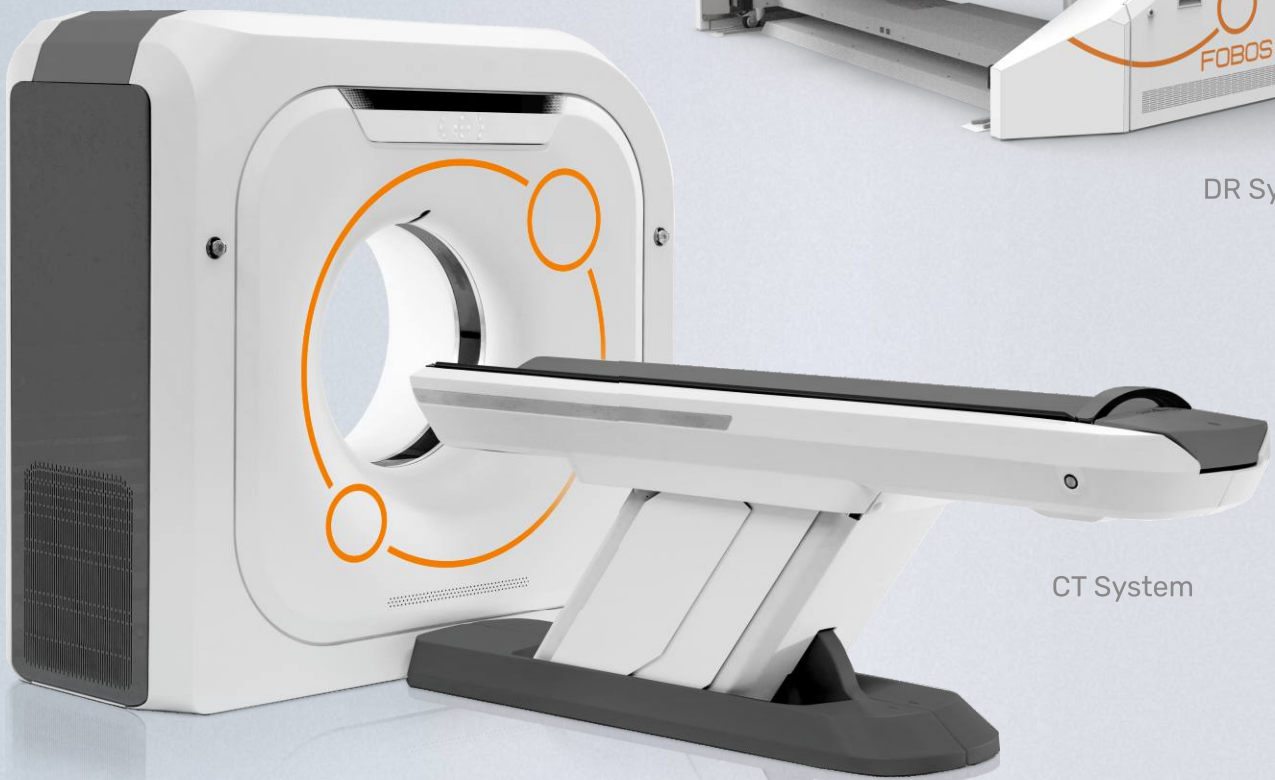


FOBOS Series

HIGH-PERFORMANCE SOLUTIONS
FOR FORENSIC MEDICAL EXAMINERS



DR System



CT System

KEY FEATURES

- High-resolution 2D and 3D images
- Fastest scanning time
- Virtual autopsy
- Full-body AP and lateral images
- One-button positioning
- Non-traumatic presenting of findings in the courtroom

FOBOS XR (Forensic Body Scanner) is a stationary diagnostic digital radiology forensic system. The system is designed to acquire whole-body digital X-ray images of bone structures and soft tissues. The system allows to capture of both AP and lateral scans (scans under any angles from 0 to 110° would be an additional option). FOBOS XR is a task-oriented system designed to be used in morgues and forensic centers.

FOBOS CT is a family of CT scanners designed for post-mortem whole-body computed tomography for forensics. Providing 3D images of the anatomy of dead bodies with clear spatial resolution between bone structures and soft tissues our CT scanners allow to increase the efficiency of work for specialists from mortuaries and forensics centers.

FOBOS CT



SPECIFICATIONS

FOBOS CT 16/FOBOS CT 32

FOBOS CT 32S

Max. No. of slices/rotation	FOBOS CT 16 - 16 slices FOBOS CT 32 - 32 slices	32 slices
Q-ty of Detector rows	32	24
High-voltage generator	50 kV	43 kV
Aperture	76 cm/ 2'5.9"	70 cm/ 2'3.5"
Patient table weight capacity	250 kg/ 551.15 lbs	206 kg/ 454.14 lbs
Scan range	185 cm/ 6'0.8"	140 cm/ 4'7.1"
Scan width	FOV: 5 - 50 cm/ 1.9" - 17.68" Extended FOV: 5 - 65 cm/ 1.9" - 21.6"	FOV: 5 - 43 cm/ 1.9" - 1' 4.9" Extended FOV: 5 - 60 cm/ 1.9" - 1'11.6"
Scan speed, sec/rotation (360°)	0.5 sec per 1 rotation	0.7 sec per 1 rotation
Inspection time, sec	The inspection time for scan range 185 cm/ 6'0.8" with pitch 1.3: 35.58 sec	The inspection time for scan range 140 cm/ 4'7.1" with pitch 1.3: 39.26 sec
Image quality - modulation transfer function (MTF)	0% @ 20 lp/cm 10% @ 17 lp/cm 50% @ 11 lp/cm	0% @ 16 lp/cm 10% @ 13 lp/cm 50% @ 8 lp/cm
Slice thickness	0.625 - 10 mm/0.025"-0.39"	0.6 - 9.6 mm/0.023" - 0.378"
Reconstruction speed	More than 28 images per second	More than 20 images per second
Exam with IV contrast for vessels evaluation	yes	yes
Metal artifact reduction (MAR) function	yes	yes



FOBOS XR

width	900 mm [35.4 in]
length	2320 mm [91.3 in]
height	800 - 920 mm [31.5 - 36.2 in]
EFFECTIVE RADIOGRAPHIC TABLE AREA DIMENSIONS	
width	2100 mm [82.68 in]
length	830 mm [32.67 in]
height	2140 mm [84.3 in]
TABLE POWER	24-volt rechargeable battery
TABLE CONTROL	Handheld remote control
BRAKE POSITION	Foot brakes on two wheels