



# XiScan

## 4400 Series Mini C-ARM Fluoroscopy

We enhanced our **4400** series,  
with more features and  
best quality of Service

[www.fmcontrol.com](http://www.fmcontrol.com)



## 4400 Series Mini C-ARM Fluoroscopy

The new versions of our **4400** Series, certified in 2019, maintain all the **advantages** and introduce **enhancements** and **updates**.

### Why the mini c-arm?

- » A **high percentage of trauma injuries** occur in the extremities.
- » Major **maneuverability**: reduced size and weight.
- » **User-friendly and autonomy**.
- » **Low exposure level** for doctors and patients.
- » **Projection load** options.
- » **Time reduction** in radiological exploration.
- » **Cost reduction**: medical personnel and resources / space and infrastructures (does not require lead-coated insulation).

### Why XiScan?

- » More user-friendly and intuitive experience.
- » **Own design, manufacture and technical service.**
- » **Only European manufacturer.**
- » **High quality** fixed and moving image.
- » Low dose. Automatic Control **Smart Dose**.
- » Simple interface with **touchscreen**.
- » Easy on and off.
- » Positioning **Laserpoint**.

### Why the 4400 Series?

- » Lightweight and ergonomic **C-Arm** with great maneuverability.
- » **Presence in more than 300 centers.**
- » **Top quality** components.
- » **Patient dose report.**
- » **STATIC/LIVE** Options for Exposure Dose Control.
- » **METAL REMOVAL** Option.
- » **Easy and intuitive** user interface.

## What can I use the new XiScan 4400 for?

- » **Trauma and Sports Medicine Services:** diagnosis, infiltrations, MIS / Open Surgery and pediatric traumatology.
- » **Emergency rooms and mobile units:** reductions, extraction of foreign bodies and fast diagnosis.
- » **Podiatry.**
- » **Veterinary.**

## 4400 Series New Enhancements

- » **EIZO 23" Touchscreen. Medical Grade** and High Resolution 12 bits.
- » **EASY HANDLE** System for positioning.
- » **Medical Grade keyboard** with **Cleanlock** function.
- » Easily accessible **Ethernet** and **USB** jack.
- » **UPS increasing battery life by 80%** (50 minutes).
- » New **OPTIMA VISION** mode of use.
- » **FULL DICOM.**
- » Trust in our equipment allows us to offer a **10-year warranty on the image intensifier.**





## 4400 450 6" Mini C-ARM Fluoroscopes

- » **Robust** and small, **reliable** and very easy to use, it incorporates features to facilitate all the usual applications of a mini C-Arm.
- » **Largest C-Arm aperture** in the market.
- » **Field of Vision 4"/ 6" Dual mode.**
- » **Multifunction** Footswitch Pedal.
- » **Both lateral sides control panel.**



## 4400 350 4" Mini C-ARM Fluoroscopes

- » **Robustness** and durability.
- » **Easy to use.**
- » **Reduced size.**
- » **Ideal for mini C-Arms regular uses.**
- » **Optimized** field of vision.

TECHNICAL SPECIFICATIONS		XiScan 4400 450-6"	XiScan 4400 350-4"
<b>X-Ray Source</b>	Stationary anode X-Ray tube	•	
	Maximum power	70 kV @ 150 $\mu$ A	
	Nominal focal spot size	0,033 mm	
	kV range	40 to 70 kV (5 kV steps)	
	$\mu$ A range	20 to 150 $\mu$ A (5 $\mu$ A steps)	
<b>View Field</b>	Size 4" (10 cm)	•	•
	Size 6" (15 cm)	•	
<b>Monitor</b>	Size / Resolution	23" / 1920px x 1080px	
	Touchscreen	•	
	Built in anti-glare treatment	•	
	Video output	•	
	Positioning handles	•	
	Medical grade	•	
	DICOM compliance	•	
<b>X-Ray Emission Control</b>	Control panel in the C-Arm	Bilateral	Frontal
	Footswitch	Configurable Multifunction	Simple
<b>Exposure Control</b>	AERC (Automatic Exposure Rate Control)	•	
	Smart Dose System	•	
	High Resolution	•	
	Manual STATIC/LIVE Option for exposure time control	•	
<b>Operative System</b>	Microsoft Windows 10	•	
<b>C-Arm</b>	Free Space	45 cm	35 cm
	Depth	52 cm	50 cm
	Orbital Rotation / Axial Rotation	135° / 360°	135° / 360°
	Horizontal travel / Vertical travel	110° / 35 cm	110° / 35 cm
<b>Image Matrix</b>	Resolution	1296 x 966	
<b>Image Acquisition</b>	Acquisition modes	Snapshot Live image Video recording	
	Positioning LASER	•	
	Acquisition rate	30 fps	
	Internal storage	•	
<b>Storage</b>	AutoSave function for image recording	•	
	Number of images	> 100.000 images	
	Video storage time	> 60 minutes	
	External storage	USB 3.0 port	
	Image format / Video format	JPG, BMP, DICOM / AVI	
<b>Image Management</b>	Automatic post-processing and image enhance	•	
	Noise suppression	•	
	Brightness, Contrast and Gamma controls	•	
	Zoom and 360° Image Rotation	•	
	Mirror image / Negative Image	•	
	Two images per screen	•	
<b>Printer</b>	Thermic monochrome	•	
	Digital	•	
	Resolution	1280 x 960	
<b>DICOM</b>	Worklist	•	
	Store	•	
	MPPS	•	
<b>Dose Report</b>	Total build up Dose-Area Product (mGy•cm <sup>2</sup> )	•	
	Time and Dose-Area Product per session	•	
	Total number of sessions	•	
	DICOM sending and paper printing	•	
<b>Dimensions</b>	Height x Width x Length	180 x 71 x 87 cm	180 x 71 x 87 cm
	Weight	185 Kg	175 Kg
<b>Supply</b>	Supply voltage and frequency	230 V <sub>AC</sub> - 50 Hz 110 V <sub>AC</sub> - 60 Hz	230 V <sub>AC</sub> - 50 Hz
	UPS (Uninterrupted Power Supply)	•	
	Built in batteries	•	
	Autonomy	50 minutes	
<b>°C</b>	Operating temperature	5 ~ 35°C	



As known as:



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