



XiScan

Series **5000**
Mini C-ARM Fluoroscopy

Unique **mini C-ARM**
with pulsed fluoroscopy
and 50cm free space.

www.fmcontrol.com



Serie 5000 Mini C-ARM Fluoroscopy

Unique mini **C-ARM** with pulsed fluoroscopy and **50 cm free space**. **Safer**. More **versatile**.

Optimized ergonomics and mobility

- » In all positions, angles and movements

Axial Rotation



Joint Rotation



Why the mini c-arm?

- » A **high percentage of trauma injuries** occur in the extremities.
- » Major **maneuverability** and robustness
- » **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 5000 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.
- » Up to **50 minutes** autonomy.
- » Monitor and control panel **Easy Handle**.
- » Medical Grade keyboard with **Cleanlock**.

What can I use the new XiScan 5000 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.**

5000 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.**

Orbital Rotation



Horizontal Movement



Vertical Movement



Pulsed fluoroscopy

- » **Up to 75%** dose reduction.



View Field

- » **+ 28 %.** 15 x 15 digital detector; better image with no distortion.



One Brake System

- » Single easy-access brake





5000 Series Mini C-ARM Fluoroscopy

- » **SAFER**
Pulsed exposition technology.
Dose reduction.
- » **MORE VERSATILE**
Biggest free space
in the market
More applications
Biggest range of use
- » **MORE ADVANCED**
Enhancements thought
for the user; top quality
components

New Software

- » Measurement module.



Full Connectivity

- » Ethernet, Full Dicom, USB storage, wifi



Wireless Technology

- » Wireless multifunction footswitch



TECHNICAL SPECIFICATIONS		XiScan 5000
X-Ray Source	Stationary anode X-Ray tube	•
	Maximum power	75 kV @ 250 μ A
	Nominal focal spot size	0.033 mm
	kV range	40 to 75 kV (5 kV steps)
	μ A range	20 to 250 μ A (5 μ A steps)
View Field	Detector Technology	TFT/aSi
	View field	15 x 15 cm
	Resolution	1280 x 1280
	Pixel size	119 μ m
Monitor	Size	23"
	Resolution	1920 x 1080
	Touchscreen	•
	Built in anti-glare treatment	•
	Video output	•
	Positioning handles	•
	Medical grade	•
	DICOM compliance	•
X-Ray Emission Control	Bilateral Control panel in the C-Arm	•
	Wired multifunction footswitch	•
	Wireless multifunction footswitch	•
Exposure Control	AERC (Automatic Exposure Rate Control)	•
	- Smart Dose System	•
	- High Resolution	•
	Manual	•
Operative System	OPTIMA VISION for exposure power increasing	•
	Microsoft Windows 10	•
C-Arm	Free Space	50 cm
	Depth	70 cm
	Orbital Rotation	$\pm 190^\circ$
	Horizontal travel	200°
	Axial Rotation	360°
	Vertical travel	35 cm
Image Acquisition	Acquisition modes	Snapshot Live image Video recording
	Positioning LASER	•
	Auxiliary LED lights	•
	Acquisition rate (continuous / pulsed exposition)	28 fps/15 fps
Storage	Internal storage	•
	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
Measurement Module	Distances	•
	Angles	•
	Areas	•
Image Management	Automatic post-processing and image enhance	•
	Noise suppression	•
	Brightness, Contrast and Gamma controls	•
	Zoom	•
	Image Rotation	360°
	Mirror image	•
	Negative Image	•
	Two images per screen	•
Printer	Thermic monochrome	•
	Digital	•
	Resolution	1280 x 960
DICOM	Worklist	•
	Store	•
	MPPS	•
	Storage Commitment	•
	Dose Report	•
Dose Report	Total build up Dose-Area Product (mGy-cm2)	•
	Time and Dose-Area Product per session	•
	Total number of sessions	•
	DICOM sending and paper printing	•
Dimensions	Height	175 cm
	Width	71 cm
	Length	87 cm
	Weight	210 kg
Supply	Supply voltage and frequency	230 V _{AC} , 50 Hz 110 V _{AC} , 60 Hz
	Power up time	50 seconds
	UPS (Uninterrupted Power Supply)	•
	- Built in batteries	•
	- Autonomy	50 minutes
°C	Operating temperature	10 ~ 35 °C



Pol. Ind. Júndiz C/ Arriurdiña, 11
01015, Vitoria-Gasteiz (Álava)



+34 945 29 09 18



+34 945 29 02 44



fmcontrol@fmcontrol.com



www.fmcontrol.com



/fmcontrolsl



@xiscanfmcontrol



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