



# XiScan

## *Series 5000* Mini C-ARM Fluoroscopy

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

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

# XiScan

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
<b>X-Ray Source</b>	Stationary anode X-Ray tube Maximum power Nominal focal spot size kV range µA range	<ul style="list-style-type: none"> <li>•</li> <li>75 kV @ 250 µA</li> <li>0,033 mm</li> <li>40 to 75 kV [5 kV steps]</li> <li>20 to 250 µA [5 µA steps]</li> </ul>
<b>View Field</b>	Detector Technology View field Resolution Pixel size	<ul style="list-style-type: none"> <li>• TFT/aSi</li> <li>• 15 x 15 cm</li> <li>• 1280 x 1280</li> <li>• 119 µm</li> </ul>
<b>Monitor</b>	Size Resolution Touchscreen Built in anti-glare treatment Video output Positioning handles Medical grade DICOM compliance	<ul style="list-style-type: none"> <li>• 23"</li> <li>• 1920 x 1080</li> <li>•</li> <li>•</li> <li>•</li> <li>•</li> <li>•</li> <li>•</li> </ul>
<b>X-Ray Emission Control</b>	Bilateral Control panel in the C-Arm Wired multifunction footswitch Wireless multifunction footswitch	<ul style="list-style-type: none"> <li>•</li> <li>•</li> <li>•</li> </ul>
<b>Exposure Control</b>	AERC (Automatic Exposure Rate Control) <ul style="list-style-type: none"> <li>- Smart Dose System</li> <li>- High Resolution</li> </ul> Manual OPTIMA VISION for exposure power increasing	<ul style="list-style-type: none"> <li>•</li> <li>•</li> <li>•</li> <li>•</li> <li>•</li> </ul>
<b>Operative System</b>	Microsoft Windows 10	<ul style="list-style-type: none"> <li>•</li> </ul>
<b>C-Arm</b>	Free Space Depth Orbital Rotation Horizontal travel Axial Rotation Vertical travel	<ul style="list-style-type: none"> <li>• 50 cm</li> <li>• 70 cm</li> <li>• ±190°</li> <li>• 200°</li> <li>• 360°</li> <li>• 35 cm</li> </ul>
<b>Image Acquisition</b>	Acquisition modes Positioning LASER Auxiliary LED lights Acquisition rate (continuous / pulsed exposition)	<ul style="list-style-type: none"> <li>• Snapshot</li> <li>• Live image</li> <li>• Video recording</li> <li>•</li> <li>•</li> <li>• 28 fps/15 fps</li> </ul>
<b>Storage</b>	Internal storage AutoSave function for image recording Number of images Video storage time External storage Image format / Video format	<ul style="list-style-type: none"> <li>•</li> <li>•</li> <li>• &gt; 100.000 images</li> <li>• &gt; 60 minutes</li> <li>• USB 3.0 port</li> <li>• JPG, BMP, DICOM / AVI</li> </ul>
<b>Measurement Module</b>	Distances Angles Areas	<ul style="list-style-type: none"> <li>•</li> <li>•</li> <li>•</li> </ul>
<b>Image Management</b>	Automatic post-processing and image enhance Noise suppression Brightness, Contrast and Gamma controls Zoom Image Rotation Mirror image Negative Image Two images per screen	<ul style="list-style-type: none"> <li>•</li> <li>•</li> <li>•</li> <li>•</li> <li>• 360°</li> <li>•</li> <li>•</li> <li>•</li> </ul>
<b>Printer</b>	Thermic monochrome Digital Resolution	<ul style="list-style-type: none"> <li>•</li> <li>•</li> <li>• 1280 x 960</li> </ul>
<b>DICOM</b>	Worklist Store MPPS Storage Commitment Dose Report	<ul style="list-style-type: none"> <li>•</li> <li>•</li> <li>•</li> <li>•</li> <li>•</li> </ul>
<b>Dose Report</b>	Total build up Dose-Area Product (mGy-cm2) Time and Dose-Area Product per session Total number of sessions DICOM sending and paper printing	<ul style="list-style-type: none"> <li>•</li> <li>•</li> <li>•</li> <li>•</li> </ul>
<b>Dimensions</b>	Height Width Length Weight	<ul style="list-style-type: none"> <li>• 175 cm</li> <li>• 71 cm</li> <li>• 87 cm</li> <li>• 210 kg</li> </ul>
<b>Supply</b>	Supply voltage and frequency Power up time UPS (Uninterrupted Power Supply) <ul style="list-style-type: none"> <li>- Built in batteries</li> <li>- Autonomy</li> </ul>	<ul style="list-style-type: none"> <li>• 230 V<sub>AC</sub>, 50 Hz</li> <li>• 110 V<sub>AC</sub>, 60 Hz</li> <li>• 50 seconds</li> <li>•</li> <li>•</li> <li>• 50 minutes</li> </ul>
<b>°C</b>	Operating temperature	<ul style="list-style-type: none"> <li>• 10 – 35 °C</li> </ul>



As known as:



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



+34 945 29 09 18



+34 945 29 02 44



fmcontrol@fmcontrol.com



www.fmcontrol.com



/fmcontrolsl



@xiscanfmcontrol



FM Control Imaging Systems

Windows is a registered trademark of Microsoft Corporation.  
All rights reserved. Printed in Spain in 2023.  
Specifications are subject to change without prior notice.

**XiScan, Mizar Health** and associated logos are trademarks  
and / or registered trademarks of **Mizar Health, S.L.**

