



XiScan

Series 5000 Mini C-ARM Fluoroscopy

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

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**.

Optimised 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.
- » Great **manoeuvrability** and robustness.
- » **User-friendly and standalone use.**
- » **Low exposure** for medical personnel and patients.
- » **Weight-bearing projection** options.
- » **Reduced** radiological examination times.
- » **Reduced costs:** medical personnel and resources / space and infrastructure (no need for lead shielding).

Why XiScan?

- » A more user-friendly, intuitive experience.
- » **Own design, manufacture and technical service.**
- » **Europe's only** C-arm manufacturer.
- » **High quality** still and moving images.
- » Low dose. **Smart Dose** automatic control.
- » Simple interface with **touchscreen.**
- » Simple on/off functionality.
- » Green **Laserpoint** positioning.

Why the 5000 Series?

- » **Lightweight, ergonomic C-arm** with great manoeuvrability.
- » **Used in over 300 centres.**
- » **Top quality** components.
- » **Patient dose report.**
- » **STATIC/LIVE** function for exposure time control.
- » **METAL REMOVAL.**
- » Up to **50 minutes** battery runtime.
- » **Easy Handle** in the head and monitor.
- » Medical grade keyboard with **Cleanlock.**

What can I use the new XiScan 5000 for?

- » **Trauma and sports medicine services:** diagnosis, injections, minimally invasive and open surgery and paediatric traumatology.
- » **Emergency departments and mobile units:** reductions, extraction of foreign bodies and rapid diagnostics.
- » **Podiatry.**
- » **Veterinary** applications.

5000 Series New Enhancements

- » **ELO 27" Touchscreen. Medical grade** and high resolution.
- » **EASY HANDLE** positioning system.
- » **Medical grade keyboard** with **Cleanlock** function.
- » Easily accessible **Ethernet** and **USB** jack.
- » **UPS increases battery life by 80%** (50 minutes).
- » New **OPTIMA VISION** mode of use.
- » **FULL DICOM.**

Orbital Rotation



Horizontal Movement



Vertical Displacement



Pulsed fluoroscopy

- » **Up to 75%** dose reduction.



Field of View

- » **+28%.** 15 x 15 digital detector; better, distortion-free image.



One Brake System

- » A large single brake immobilises the trolley.





5000 Series Mini C-ARM Fluoroscopy

- » **SAFER**
Pulsed exposure technology. Dose reduction.
- » **MORE VERSATILE**
Largest free space on the market.
**More applications.
Widest range of uses.**
- » **MORE ADVANCED**
User-focused enhancements; top quality components.



New Monitor

- » ELO 27" touchscreen. Medical grade and high resolution.



Full Connectivity

- » Ethernet, Full DICOM, USB storage, Wi-Fi.



Wireless Technology

- » Wireless multifunction footswitch



TECHNICAL SPECIFICATIONS		XiScan 5000
X-Ray Source	Stationary anode X-Ray tube Maximum power Nominal focal spot size kV range µA range	• 75 kV @ 250 µA 0.033 mm 40 to 75 kV [5 kV steps] 20 to 250 µA [5 µA steps]
Field of view	Detector Technology Field of view Resolution Pixel size	TFT/aSi 15 x 15 cm 1280 x 1280 119 µm
Monitor	Size Resolution Touchscreen Built in anti-glare treatment Video output Medical grade DICOM compliant	27" 1920 x 1080 • • • • •
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 OPTIMA VISION for exposure power increase	• • • • •
Operative System	Microsoft Windows 10	•
C-Arm	Free Space Depth Orbital Rotation Horizontal travel Axial Rotation Vertical travel	50 cm 70 cm ±190° 200° 360° 35 cm
Image Acquisition	Acquisition modes Green positioning LASER Auxiliary LED lights Acquisition rate (continuous / pulsed exposure)	Snapshot Live image Video recording • • 28 fps/15 fps
Storage	Internal storage AutoSave function for image recording Number of images Video storage time External storage Image format / Video format	• • > 150.000 images > 60 minutes USB 3.0 port JPG, BMP, DICOM / AVI
Image Management	Automatic post-processing and image enhancement Noise suppression Brightness, Contrast and Gamma controls Zoom Image Rotation Mirror image Negative Image Dual image display	• • • • 360° • • •
Printer	Monochrome thermal Digital Resolution	• • 1280 x 960
DICOM	Worklist Store MPPS Storage Commitment Dose Report	• • • • •
Dose Report	Total build up Dose-Area Product (mGy·cm ²) Time and Dose-Area Product per session Total number of sessions DICOM transmission and paper printout	• • • •
Dimensions	Height Width Length Weight	175 cm 71 cm 87 cm 210 kg
Supply	Supply voltage and frequency Power-up time UPS Uninterruptible Power Supply - Built-in batteries - Battery runtime	230 V _{AC} , 50 Hz 110 V _{AC} , 60 Hz 50 seconds • • 50 minutes
°C	Operating temperature range	10 – 35 °C



As known as:



PoL. Ind. Júndiz C/ Arriurdina, 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 2024.

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

