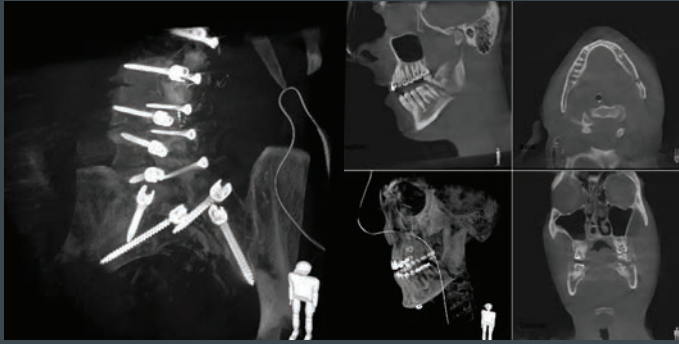


# ZIEHM Vision RFD 3D

The revolution in 3D imaging



# Image Quality: Changing the Game



## The core of Medical Imaging: Image Quality

In medical imaging, the most important goal is obtaining the best clinical image quality. As the market leader in innovation, Ziehm Imaging provides a range of hardware and software features in our mobile C-arms, that helps to offer superior image quality. This changes the game for our clinicians and lets them discover new areas of clinical applications.

# Ziehm Vision RFD 3D

Ziehm Vision RFD 3D is a groundbreaking mobile C-arm that delivers high-resolution 2D and CT-like 3D imaging for complex orthopedic, trauma, and spine procedures. Backed by over 15 years of 3D expertise, it features latest flat-panel technology, SmartScan 180° acquisition, and Ziehm Iterative Reconstruction for reduced metal artifacts and enhanced anatomical detail. Fully motorized and navigation-ready, it streamlines workflows and helps avoid unnecessary CT scans and corrective surgeries. SmartDose and Beam Filtration minimize dose, while Advanced Active Cooling ensures consistent performance. The result: improved surgical outcomes, greater efficiency, and lower overall costs across a wide range of clinical applications.

## Imaging for a wide range of clinical applications



Spine/Pelvis  
(3D Imaging)



Ortho/Trauma  
(3D Imaging)



Cochlear/  
Maxillofacial  
(3D Imaging)



Pulmonary (2D  
& 3D Imaging)



Vascular  
(2D Imaging)

## Comprehensive concept for dose reduction

Our latest improvements in SmartDose<sup>1</sup> help to display even the smallest details of complex anatomical areas and reduce dose with intelligent pulse regulation and optimized anatomical programs. With significant dose savings, Ziehm Imaging sets the benchmark in user-friendly adjustment of dose exposure, and the SmartDose concept has been incorporated in the current generation of mobile C-arms.



**SmartDose**

Best image quality. Minimized dose.



## Unique Selling Points

- 30 kW pulsed monoblock generator with rotating anode
- 2D excellence with advanced 3D technology, delivering high-end multidisciplinary capabilities
- Compatible with image-guided navigation devices & robotic guidance systems
- 32" 4K UHD color display, with RealView>4K & Image Insights on an Articulating Monitor Arm
- Latest flat-panel technology for CT-like image quality
- Comprehensive dose concept for high image quality & minimized dose
- Effortless transfer from one OR to another & within the OR suite
- Small footprint even in limited spaces



Articulating Monitor Arm offers versatile viewing options

CMOSLINE



Laser Positioning Device



Anatomical Programs



Low Dose Mode



Reduction of Pulse Frequency



High-Speed ADR



Removable Grid



Virtual Collimators



Automatic motion & position detection



Automatic adjustment for large patients



Exposure-free magnification



Beam Filtration?



ZAIIP Algorithm & Filters

# ZIEHM IS THE TECHNOLOGY LEADER IN MOBILE C-ARMS

For over 50 years, Ziehm Imaging has produced technologies that enhance imaging and streamline clinical workflows.

Our technology provides innovative solutions for improved image quality, minimized X-ray dose and unparalleled ease-of-use.

By setting new technological standards in X-ray-based imaging solutions with our mobile C-arms, we are leading innovations and changing lives all over the world.



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WEBSITE



## NATIONWIDE SERVICE COVERAGE

Nationwide service coverage is available with 24/7 phone support from our service team. Our service programs cover the lifespan of our mobile C-arms, ranging from periodic maintenance to complete coverage programs. You can depend on us for fast, flexible, and reliable service.



SERVICE SUPPORT

© 2025 Ziehm Imaging, a division of Ziehm-Orthoscan, Inc. All Rights Reserved. Ziehm Imaging is constantly improving its products and reserves the right to change these specifications without notice.<sup>1</sup> In clinical practice, the use of SmartDose may reduce patient dose depending on the clinical task, patient size, anatomical location, and clinical practice. A consultation with a radiologist and a physicist should be made to determine the appropriate dose to obtain diagnostic image quality for the particular clinical task.<sup>2</sup> The technology Beam Filtration reduces dose exposure for Ziehm Imaging flat-detector systems in comparison with conventional filtration techniques. Data on File. Results may vary.<sup>3</sup> CMOSline represents a system configuration that is based on a Ziehm Imaging CMOS flat-panel detector. 13-0223 Rev. D 09/2025