

ZIEHM Vision RFD Hybrid Edition Cardio

The mobile alternative to
conventional cardiac CathLabs



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

Hybrid Edition Cardio

The Ziehm Vision RFD Hybrid Edition Cardio is a powerful mobile imaging solution that instantly transforms any OR into a hybrid suite or mobile CathLab - without the cost or delays of fixed installations. Its compact footprint and low operating costs make it ideal for hospitals seeking flexibility and efficiency. Featuring a 30 kW pulsed monoblock generator and RealView>4K: true 2 k x 2 k imaging, it delivers exceptional image quality for complex cardiac procedures like TAVI. Integrated Endovascular Navigation³, SmartDose technology, and full motorization support long interventions while minimizing radiation exposure. It's precision, performance, and mobility - redefined.

Imaging for a wide range of clinical applications



Vascular /
Endovascular
Surgery



EP /
Structural
Heart



Peripheral
Vascular

Comprehensive concept for dose reduction

Our latest improvements in SmartDose⁴ 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

- 32" 4K UHD color display, with RealView>4K and Image Insights on an Articulating Monitor Arm
- Endovascular Navigation integrated in our All-in-one solution or combined with EndoNaut
- Pulsed monoblock generator with 30 kW power performance for demanding clinical applications
- Full control of the 4 motorized axes with variable isocenter
- Expandable with hemodynamic measurement systems, contrast media injector interfaces and versatile viewing options
- Reduced operating costs in comparison to conventional cardiac CathLabs



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 Filtration⁵



ZAIP 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.



ziehm imaging



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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. ¹ The Ziehm Vision RFD Hybrid Edition Cardio is an optional package comprising different hardware and software features for the Ziehm Vision RFD. ² CMOSline is a system configuration based on the Ziehm Imaging CMOS flat-panel detector. ³ Endovascular Navigation represents an optional medical device software package owned by Therenva SAS. Planning is performed with the software EndoSize, also owned by Therenva SAS. The EndoSize license is included in the Endovascular Navigation software package. Therenva SAS is a subsidiary of Ziehm Imaging GmbH. ⁴ 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. ⁵ The Beam Filtration technology reduces dose exposure for all CMOSline systems compared to conventional filtration techniques [Status before September 2017]. Data on file. Results may vary. 113-0244 Rev D 09/2025