



ziehm imaging

ZIEHM VISION RFD

The Ultimate C-arm to Outperform

- SmartVascular: easily switch between Fluoro, DSA, MSA, and RSA with just one click
- 25 kW pulsed monoblock generator with rotating anode
- 165 degrees of orbital movement
- Digital flat-panel detector now with CMOS technology
- 32" color monitor featuring exceptional brightness and contrast on an Articulating Monitor Arm



Articulating Monitor Arm offers versatile viewing options

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The Ziehm Vision RFD C-arm provides comprehensive information with each examination, previously capable only with fixed room systems. Now integrated with CMOS technology, the Vision RFD achieves higher spatial resolution due to a smaller pixel size and now comes with newly developed dose saving technology: Beam Filtration² supporting the latest improvements in Ziehm Imaging's enhanced CMOS imaging chain, enabling an exceptional skin entrance dose reduction³ providing excellent image quality with a lower dose.

Wide range of clinical applications

- Vascular Surgery
- Interventional Radiology
- Endovascular Surgery
- Orthopedics/Trauma/Spine

Image quality

- Crystal-clear images up to 25 frames per second, even on fast-moving objects
- Automatic optimization of dose and image quality with advanced anatomical programs
- Optimal soft tissue and bone contrast with high spatial resolution and low noise levels
- Versatile viewing options offer maximum flexibility in the OR

Ease of use

- Intuitive user interface for easy handling on up to three independent touch screens
- Color-coded scales and handles for unmistakable communication
- Compact design with 32" color monitor on Articulating Monitor Arm on monitor cart
- Small footprint of 8.6 sq ft

Highlights

- 65,536 gray scale values (16 bit)
- 165° orbital rotation and 33" C-arm opening
- Seamless integration into existing IT networks

At a glance

Imaging technology	CMOS, flat-panel, 20.5 cm x 20.5 cm / 31 cm x 31 cm
Detector resolution (FD)	2 k x 2 k / 3 k x 3 k
Power generator	25 kW, pulsed monoblock generator
Ziehm Usability Concept ⁴	✓
SmartDose Concept ⁵	✓
Advanced Active Cooling (AAC)	✓
Orbital movement	165 degrees

¹ CMOSline represents a system configuration that is based on a Ziehm Imaging CMOS flat-panel detector.

² The technology Beam Filtration reduces dose exposure for all CMOSline systems in comparison with conventional filtration techniques (Status before September 2017). Data on file. Results may vary.

³ Gosch D. et al. "Influence of grid and ODDC on radiation exposure and image quality using mobile C-arms - First results," RoFo, 09/07

⁴ The Usability Concept includes a variety of hard- and software features. Due to regulatory reasons the availability of each feature may vary. Please contact your local Ziehm Imaging sales representative for detailed information.

⁵ 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.

