



The C-arm Company.

Ziehm Imaging – THE C-arm Company,
years ahead of the competition!

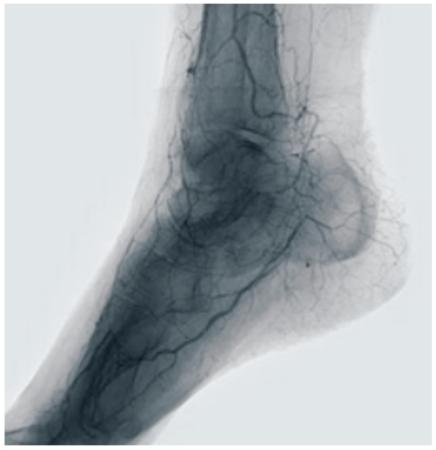
Your patients expect you to provide cutting-edge care. Shouldn't you expect the same from the technology you use?

Delivering cutting edge technology has been our focus for over 35 years!

Your benefits:

- Superior image quality
- Optimized anatomic visualization
- Extended fluoroscopy time
- Automatic dose reduction
- Intuitive user interface

We invite you to learn more about Ziehm Imaging's cutting edge technology at www.ziehm.com or by speaking with your local Ziehm Imaging representative today.



Regardless of the procedure, Ziehm Imaging has the C-arm solution to meet your needs:

- Electrophysiology
- Endoscopy
- Endovascular Surgery
- General Surgery
- Interventional Cardiology
- Interventional Radiology
- Maxillo-Facial Surgery
- Neuro & Spine Surgery
- Orthopedic Surgery
- Trauma Surgery
- Urology

The Ziehm Vision Family of C-arms.

The strength of the Ziehm Vision Family of products lies in uncompromised technical innovations:

- High resolution images, up to 1.5 k x 1.5 k
- Advanced Active Cooling for uninterrupted performance
- ODDC (object detected dose control)
 - Optimize contrast and brightness
 - Reduce motion artifacts
 - Metal correction
 - Automatic dose reduction
- DICOM and HIPAA compliant
- Small footprint = simple maneuverability
- Intuitive Ziehm VisionCenter user interface
- Ziehm SmartEye user reference image window
- User selectable anatomical imaging programs

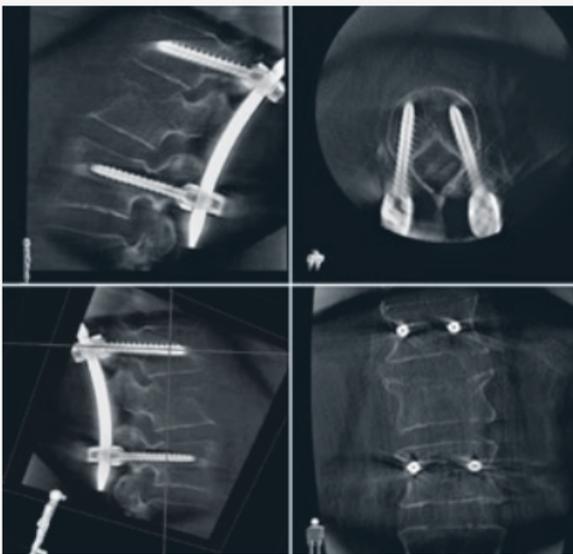




2004: Ziehm Imaging provides the world's first C-arm with digital flat-panel technology.

Need cutting edge 3D imaging and flat-panel technology? We recommend the Ziehm Vision² FD Vario 3D.

- 20 cm x 20 cm flat-panel detector
- Improved procedural guidance with intraoperative 3D datasets
- Engineered for use during neuro and spine surgery as well as trauma and orthopedics
- Navigation interface

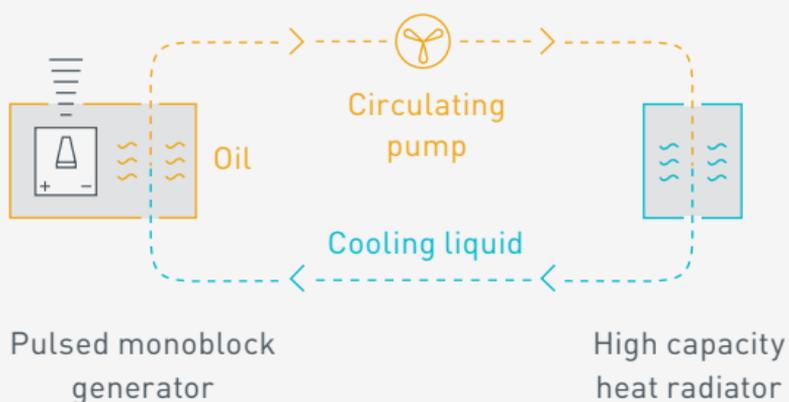


Require extended fluoroscopy time?

We recommend the Ziehm Vision R,
with rotating anode.

- Advanced Active Cooling
- Reduced overheating = increased caseload
- High-Power monoblock generator
- True pulsed fluoroscopy
- Reduce unused radiation and heat
- Maximize technique settings
- Optimize image quality

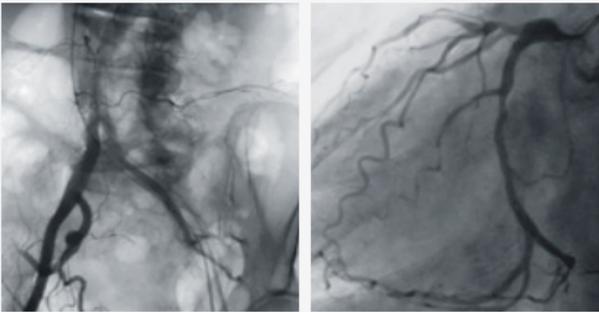
Advanced Active Cooling



Require fixed room performance for
your endovascular or cardiac cases?

Experience the Ziehm Vision RFD,
THE mobile interventional suite.

- 30 cm x 30 cm flat-panel detector with 50% greater anatomical coverage
- Superior image quality showing crisp vessel details
- One system – any intervention:
 - Percutaneous Coronary Angioplasty
 - Carotid Artery Stenting
 - Abdominal Aortic Aneurysm
 - Thoracic Aortic Therapy
 - Peripheral Stenting
 - Venous Therapy



Expect excellent image quality at the lowest possible dose?

Ziehm Imaging's proprietary pulse generator and high efficiency imaging systems produce optimal image quality and dose savings.

Monoblock Generator

Intelligent pulse technology based on short, sharp pulses minimizes dose and maximizes image quality.



Image Quality

Crisp, clear images for accurate diagnosis and therapy delivery. Image quality you'd expect to find in fixed rooms, on a mobile platform.

Flat-panel detectors:

- Increase dynamic range
- Optimize generator output
- Expand field of view

Image Intensifiers:

- Improved light transfer
- Digital rotation eliminates light loss



Conventional Image Intensifier: 4,096 shades of gray



Flat-panel by Ziehm Imaging: 16,384 shades of gray
(4 x more)

Service. Dedicated to ensure you get the best results from the best products

Keeping you at the cutting edge

Ziehm Academy is our international training center for the enhancement of clinical knowledge and customer skills, i.e. through customized seminars. In November 2007 Ziehm Academy launched the “Mobile Learning Lab” to bring Ziehm’s technologies and developments to the medical community in the USA. Ziehm Academy also partners with the Steadman Hawkins Orthopedic Group, researching new ways to utilize mobile C-arm technology in today’s surgical procedures.

Located close to you

Regardless of your needs our experts are on hand. Thanks to our worldwide network of service centers, you can always rely on Ziehm Imaging for flexible and fast service.



“I just love it...”

Over 35 years of innovation. Always a step ahead of the competition.

History

- 1972 Incorporation of the company Ziehm
- 1972 Developed one of the first semiconductor X-ray measurement chambers
- 1974 1st compact Image Intensifier TV-system with open interface
- 1979 1st Hard-Copy Documentation Camera was integrated into a monitor cart
- 1983 1st Ziehm mobile C-arm released
- 1988 DSA on a mobile C-arm
- 1992 Foundation of Ziehm Inc in the USA
- 1998 1st water-cooled generator
- 2000 Introduction of touchscreen user interface
- 2003 3D Imaging with a mobile C-arm
- 2004 1st worldwide mobile C-arm with flat-panel detector
- 2005 Object detected dose control (ODDC)
- 2007 1st 3D C-arm with flat-panel technology
- 2008 Release of Ziehm Vision RFD – the mobile interventional suite

Our innovation for your daily challenges

“This picture is definitely much better compared to all the previous C-arm units I have used. There’s much better visibility and accuracy. The visibility and details of the arteries, degree of stenosis, balloons, stents and filter/protection devices is superior to other portable C-arms. The ability to see fine vessel detail is critical in complex endovascular procedures and the quality of the image from the Ziehm Vision RFD provides the level of detail required for successful stent or graft deployment.”

Dr. Zahi E. Nassoura, Vascular Surgeon and Chief of Staff at Providence Tarzana Medical Center, Tarzana, CA.

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Ziehm Imaging is constantly improving its products and reserves the right to change these specifications without notice.