



## The Mobile CathLab:

Groundbreaking alternative to fixed room systems

# All-Embracing Imaging Solution

In the ever-changing world of cardiovascular imaging, you need to have the right equipment to ensure the best patient outcomes. With the Ziehm Vision RFD Hybrid Edition Cardio<sup>2</sup> C-arm, now available with a 30kW<sup>3</sup> generator, we give you the ability to do just that. With improved imaging capabilities designed around cardiac specific procedures, this state-of-the-art mobile C-arm allows clinicians to perform complex interventional procedures such as PCI's more efficiently and precisely. In fact, this technology produces real time images with such clarity, it allows clinicians to navigate through the tiniest vessels with confidence. With an incredible amount of information accessible to physicians, procedure times may be reduced which can lead to improved patient outcomes.

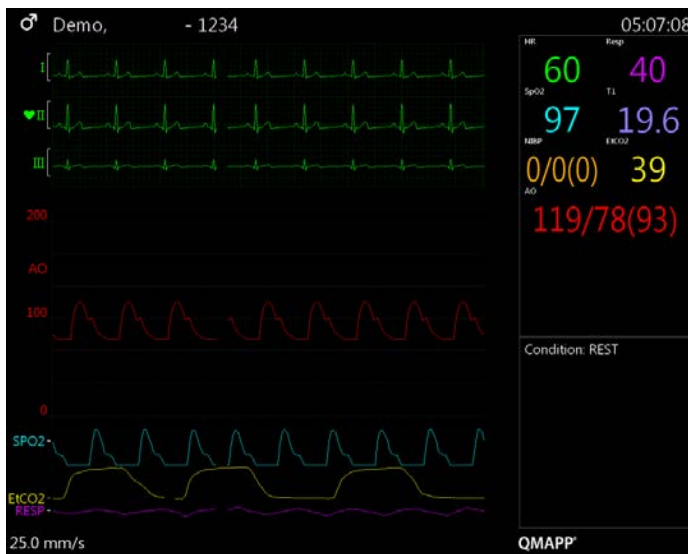


Figure 1: Fysicon Waveform Screenshot

## Enhanced imaging solutions with our premier partners

With our extensive network of partners, we make it easy for you by working with vendors who specialize in the cardiac space, offering the latest technologies available to you utilizing Ziehm Imaging. Because we are very discerning about the product partners we work with, it allows clinicians to focus on other aspects of the mobile CathLab, enabling them to deal with a single point of contact.

## Discover the groundbreaking alternative to fixed installed CathLab solutions

The Ziehm Vision RFD Hybrid Edition Cardio is a mobile solution that offers all required qualities to instantly convert conventional ORs into a hybrid room or a mobile CathLab. Compared to a fixed installed system, it features a small footprint and inexpensive operating costs without the need for the planning and construction phase in the OR. With a powerful 30 kW generator providing accurate 30 kW image quality for clinical interventions to complex cardiac or TAVI procedures, the Vision RFD Hybrid Edition Cardio delivers high quality X-ray images that were previously only possible with fixed room systems.

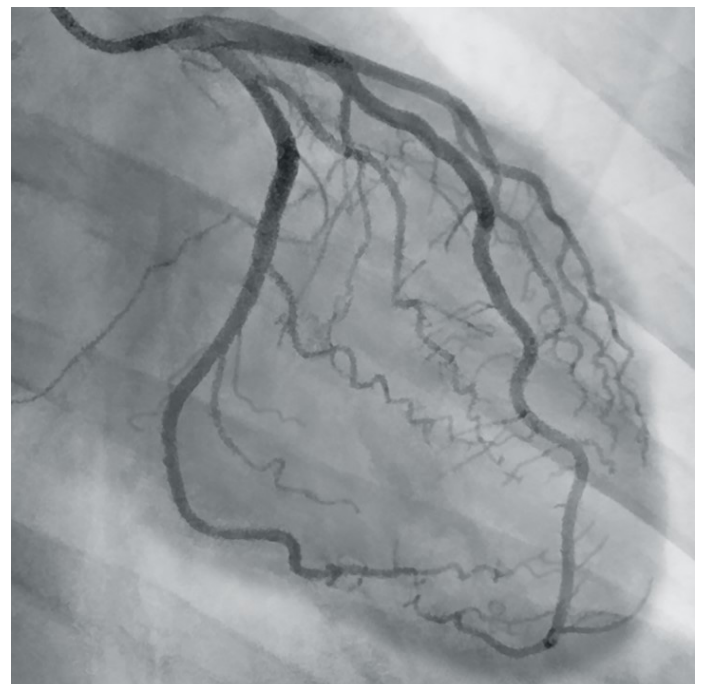


Figure 2: Left Coronary Arteries - Clearly visualized vessels and small details due to reduced motion artifacts and dedicated anatomical programs for coronaries.

# Ziehm Vision RFD Hybrid Edition Cardio

The combination of an industry-leading mobile C-arm with application specific supplements like EndoSize<sup>4</sup> (case planning software), hemodynamic workstations, injectors as well as versatile viewing options instantly convert a mobile C-arm into an all-embracing imaging solution.



## Mobile CathLab Solutions

Connectivity options for hemodynamic workstations by Fysicon<sup>5</sup> or CathLab-ready monitors complete the mobile CathLab.

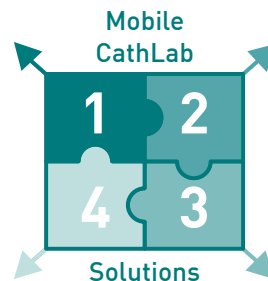
### 1 Ziehm Vision RFD Hybrid Edition Cardio CMOSline 30kW

- Most powerful C-arm on the market
- Full motion control right at the physicians hands
- New optimized system settings for dedicated anatomical programs (APR) for high demanding applications in cardiology (Coro, EP)
- New "Cardio Tab" and a dedicated branding



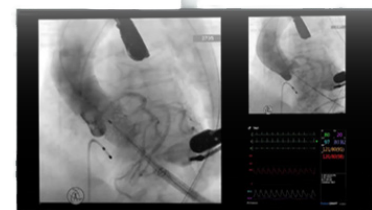
### 2 Fysicon: Mobile Hemodynamic System

- Continuous recording of the cardiovascular system
- Analysis of vital parameters
- Simplifies protocol writing
- Generates final report



### 4 Radiolucent table, e.g. Stille ImagiQ2

### 3 Ceiling Mounted Monitor



## At a glance

Imaging technology	20.5 cm x 20.5 cm flat panel with 100 µm pixel size / 31 cm x 31 cm flat panel with 100 µm pixel size	SmartDose Concept <sup>7</sup>	✓
Detector resolution (FD)	2 k x 2 k / 3 k x 3 k	Advanced Active Cooling (AAC)	✓
Power generator	30kW, pulsed monoblock generator	Orbital movement	165 degrees
Ziehm Usability Concept <sup>6</sup>	✓	Motorization	Full control of the 4 motorized axes

# PARTNERS



# SERVICES



## IMAGING SOLUTIONS

Since 1972, Ziehm Imaging has been a company of firsts. Our visionary thinking has made us the mobile C-arm expert worldwide. We are committed to our mission of setting new technology standards.



## PROFESSIONAL TRAINING

Through our training programs, we empower our partners with the knowledge, skills, and insight needed to get the most out of our mobile C-arms. Our courses balance a classroom setting with hands-on experience to reveal the full benefits of our exceptional products.



## NATIONWIDE SERVICE

Ziehm comprehensive service covers the lifespan of your product and nationwide coverage combined with fast, flexible & reliable service includes a 24 hour guaranteed delivery time for parts inventoried in the US.

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

<sup>2</sup> Ziehm Vision RFD Hybrid Edition represents a group of optional hardware and software that creates an option package on the device named Ziehm Vision RFD.

<sup>3</sup> 30kW generator is available in combination with dedicated cardio packages.

<sup>4</sup> EndoSize<sup>®</sup> is a registered trademark of Therenva SAS. EndoSize<sup>®</sup> software obtained a substantial equivalence determination and FDA clearance through the CDRH premarket notification process [510(k)]. The information provided in the labelling and manual is intended for healthcare professionals only. Information provided by the EndoSize<sup>®</sup> Software is not intended to support or replace any medical decisions with respect to the patient's medical care. The sole and exclusive responsibility for determining the accuracy, completeness or appropriateness of any diagnostics, clinical or medical information provided by EndoSize<sup>®</sup> resides solely with the healthcare provider. For the safe and successful operation and use of the device, always read the instructions.

<sup>5</sup> QMAPP<sup>®</sup> is a registered trademark of Fysicon B.V. In the USA, the QMAPP<sup>®</sup> software obtained a substantial equivalence determination and FDA clearance through the CDRH premarket notification process [510(k)]. In Europe, the QMAPP<sup>®</sup> software is CE marked (class IIb). The information provided in the labelling and manual is intended for Healthcare Professionals only. For the safe and successful operation and use of the device, always read the instructions.

<sup>6</sup> 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.

<sup>7</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>8</sup> Logos shown in this brochure are the intellectual property of their respective companies.

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