



PHILIPS

Zenition 90 Motorized

Mobile C-arm for cardiac intervention

Cardiac interventions require speed and precision without exception. Users need direct control from the sterile field and imaging sharp enough to follow fast-moving structures, from coronary guidewires and balloon markers to stent struts.

The Zenition 90 Motorized meets these needs with a suite of features, including flexible control and powerful imaging performance, making it easy to set up a cardiac intervention in the operating room, or in smaller procedure environments.

There's a good reason as to why Zenition 90 Motorized is trusted by cardiologists the world over for procedures including coronary interventions, valve implants, pacemaker placements and electrophysiology.



Fast and safe motorization

During high-pressure cardiac procedures, the ability to move safely and quickly is non-negotiable. Zenition 90 Motorized makes this possible thanks to 4-axis motorization at 15°/s for fast positioning, Automatic Position Control to move back-and-forth between pre-saved projections, and BodyGuard collision prevention to avoid unwanted contact throughout the procedure.

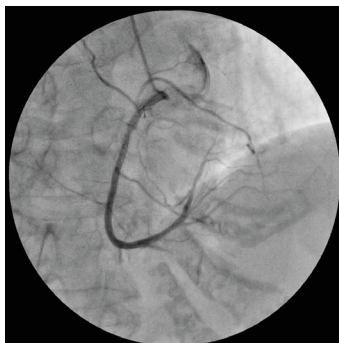
“With the Zenition 90 Motorized system I can complete the procedures seamlessly with low dose levels. The motorized operation is intuitive, and the BodyGuard sensors prevent contact with the patient. Using the Touch Screen Module and the Table Side Operator, I am in control, right from the tableside.”

Dr. Noriaki Kasayuki

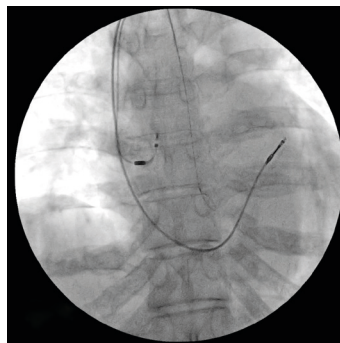
Interventional Cardiologist, Kasayuki Clinic, Osaka, Japan

Flexibility and imaging control

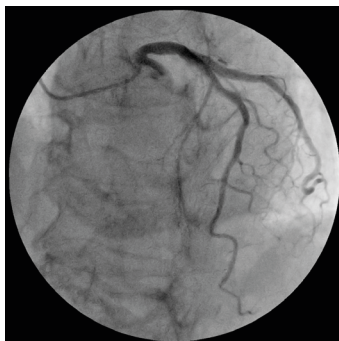
Zenition 90 Motorized adapts to meet your needs, even during complicated or lengthy procedures. Control C-arm movement directly from the sterile field with the Table Side Operator, alter imaging parameters using the tablet-like Touch Screen Module, and attach both imaging and motion controls to a mobile pedestal trolley for more freedom of setup.



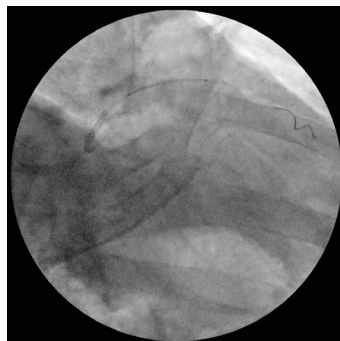
Right coronary artery angiography, with left anterior oblique cranial view



Dual chamber pacemaker lead implantation



Left coronary artery angiography, with left anterior oblique cranial view



0.014" guidewire with stent and balloon markers in left coronary artery, with right anterior oblique caudal view

25 kW power improves imaging even in steep angles and dense anatomies, while active oil circulation and better heat management allow longer procedures. Users can choose between 30x30 cm or 21x21 cm flat detectors to fit as needed for anatomical coverage or steep projections. Additionally, cardiac-specific protocols result in high-quality visualization of 0.014" guidewires, imaging at 30 frames per second, and FluoCarto mode reduces electromagnetic artifacts during ablation procedures.

"As a cardiologist, I perform pacemaker implantations with the Zenition 90 Motorized, and the image quality allows me to clearly see the leads even when the heart is beating rapidly. I find the motorized movements precise, and I like the convenience of controlling image parameters from the sterile area."

Dr. Michał Kulpecki

Cardiologist, Międzyzyleski Specialist Hospital, Warsaw, Poland

Complete your cardiac setup

Connect the Zenition 90 Motorized to an automatic contrast injector using the Injector Interface for hands-free contrast injections, track balloon inflation during angioplasties with the built-in Timer, and see live X-ray along with other modalities on C-arm monitors or external displays.

“We used the Zenition 90 Motorized to perform coronary angiographies and electrophysiology procedures. I found it quite intuitive, and the automatic position control allows me to quickly and precisely go back and forth to saved projections. I could clearly see all the anatomical structures and devices I needed to.”

Dr. Vilma Ampova-Sokolov

Cardiologist, Zan Mitrev Clinic, Skopje, North Macedonia

Experience a powerful cardiovascular ecosystem with Philips. Expand your procedural options by utilizing Zenition 90 Motorized alongside our advanced cardiac solutions to:

- Perform advanced monitoring and analysis with Philips Interventional Hemodynamic System integrated with IntelliVue X3
- Assess coronary vessels with IVUS and iFR on the IntraSight Mobile Platform
- Expand treatment options with the Philips Laser System and ELCA Coronary Laser Atherectomy
- Enhance your visualization of complex anatomy with EPIQ CVx and VeriSight Pro 3D ICE Catheter
- Access patient data, carry out analyses and generate reports with Cardiovascular Workspace

“I really like the FluoCarto mode in the Zenition 90 Motorized. It removes the artifacts on the images caused by the ablation devices, returning a clear image to work on.”

Dr. Edward Koźluk

Cardiologist, Międzyzyleski Specialist Hospital, Warsaw, Poland

Contact your Philips representative for most current information.

- Zenition 90 Motorized and other Philips' systems are available for sale in a limited number of countries. Please check with your local Philips representative.
- Some features shown are optional for Zenition 90 Motorized.
- Actual product representation may vary.
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The results are specific to the institution. Results in other institutions and case studies may vary.

