

arcovis DRF/C

Mobile C-arm system with flat-panel detector



radiology ahead



Arcovis DRF-C# is the new Villa's compact C-arm system equipped with a flat-panel detector. The product is designed and manufactured to achieve the best combination of image quality, maneuverability, and workflow.

The use of the Flat Panel detector, compared with the image intensifier, allows for a wider FOV, superior resolution, and a larger grayscale, ensuring better image quality at the same X-ray dose.

The fast and accurate positioning of the Arcovis DRF-C is ensured by its lightweight and compact design and the smooth movements of its C-arm. The high precision and maneuverability are significant advantages in high-criticality procedures where such systems are used.

Arcovis DRF-C is equipped with an intuitive user interface, touchscreen control panel, and NFC* technology, enabling quick and easy operator interaction. All this, with the addition of the dual laser pointer*, allows for quick and accurate identification of the examination area, resulting in improved workflow.

The unit can be equipped with an active cooling system*, which prevents overheating of the monobloc and improves overall performance: it eliminates waiting time in intensive-use operations, reduces the duration of patient anesthesia, and allows more procedures to be performed. In addition, the C-arm is equipped with a removable anti-scatter grid and DAP* meter, which allow further dose reduction.

Arcovis DRF-C is the ideal solution for any operating theater thanks to its lightweight design, ease of use and image quality.

Main features

- a-Si flat panel detector in two sizes (21x21 cm or 30x30 cm)
- Double laser localizer* (on detector and monobloc)
- Active cooling system*
- Operational modes: High-Quality mode, Low Dose mode, Peak Opacification, RoadMap mode, DSA mode, and Snapshot
- 27" WQHD multi-touch monitor (equivalent to two vertical 19")
- 12.5" multi-touch control display
- Integrated DAP meter* and on-board printer*
- Last Image Hold, recursive filter for noise reduction, and full post-processing tools
- Digital Subtraction Angiography*

Wide range of clinical applications

- Traumatology
- Pediatrics
- Orthopedics
- Cardiovascular Procedures
- Interventional radiology
- Urology and histero procedures
- Neurology
- Pain management
- Electrophysiology procedures
- Cranio-maxillofacial surgery

* Optional — #Based on the 'Arco FP-S' product line from ATS

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