



OEC Elite CFD

Mobile imaging offering for Cath Lab/EP Lab



OEC Elite CFD

New designs bring new experiences. The OEC Elite CFD system brings a new True View experience in surgical imaging. The OEC Elite CFD system enables you to see the most delicate guidewires and more of your patient's anatomy. This system is also designed to enhance your Cath Lab/EP Lab team's performance with features to manage system uptime for patient throughput.



Cardiac Procedures. Clearly Seen.

The OEC Elite CFD is designed to help your practice perform angioplasties and stent placements in coronary arteries and electrophysiology procedures in the heart.

With the OEC Elite CFD, you clearly see 0.014" guidewires in chest anatomy without visible lag and stutter, which enhances visualization during cardiac procedures that can enable greater clinical confidence during interventional procedures.

Dynamic Movement. Less Bloom.

The OEC Elite CFD Cardiac profile is designed for cardiac imaging. This profile features advancements in image processing and incorporates dynamic range management techniques and a tailored dose profile.

With a cardiac profile optimized for cardiac procedures, this profile enhances the visibility of moving features* and vessels filled with a contrast agent, and minimizes image blooming when compared to not using the profile.

Throughput Matters. Performance Delivered.

Experience improved system performance with the OEC Elite CFD that enables efficiency during your long cases. The OEC Elite CFD features active cooling technology and delivers a housing cooling rate of 34,000 HU/min (405W).

The motorized control option with last position recall, 3 position memory settings, and tableside controls enables smoother workflow during cardiac procedures.

*The moving features are interventional devices such as guidewires, catheters, and stents that are inserted into vessels and manually manipulated through vessels to the surgical location in the heart.

Acquiring images during procedures such as femoral and radial interventions, cranial/caudal views, and 'spider view' in coronary interventions can be challenging. The Super C-arm of OEC Elite CFD provides space needed with excellent maneuverability for positioning around patients during interventional procedures.

The OEC Elite CFD Super C-arm delivers:

- Full lateral position
- 55° overscan (52° when motorized)
- 84 cm depth in arc
- 79 cm free space in arc
- Motorized control option



The OEC Elite CFD is designed to meet the needs of a busy surgical environment with:

- Three pedal footswitch with Fluoro, HLF, Digital Cine Pulse, Cine, Roadmap, and DSA functionality
- 32" 4K UHD monitor on an articulating arm
- On-screen touch marking tool to outline pathology
- Live Zoom feature easily zooms on area of interest without repositioning the C-arm
- SmartConnect efficient setup
- OEC intuitive interface
- Ergonomic and streamlined design



OEC Elite CFD



21cm Super C-arm shown with table



Workstation with 32" 4K monitor



Remote user interface with motorized option

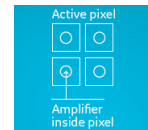


The OEC Elite CFD features a CMOS flat panel detector that provides high IQ at low dose with 72% DQE, 1.5 k x 1.5 k image processing, and 1 for 1 detail from detector to display - all within a sleek, small housing for a True View of your patient.

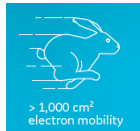


Crystalline structure

Crystalline Structure
Puts an end to frame rate/ resolution compromises

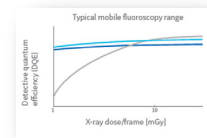


Active Pixels
Eliminates the need for bulky amplification electronics, resulting in a compact detector



> 1,000 cm² electron mobility

Superior Electron Mobility
Improves clarity by eliminating visible lag



Higher Signal to Noise Ratio
Results in higher IQ in low dose conditions

Imagination at work

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