



SPINEL 3G

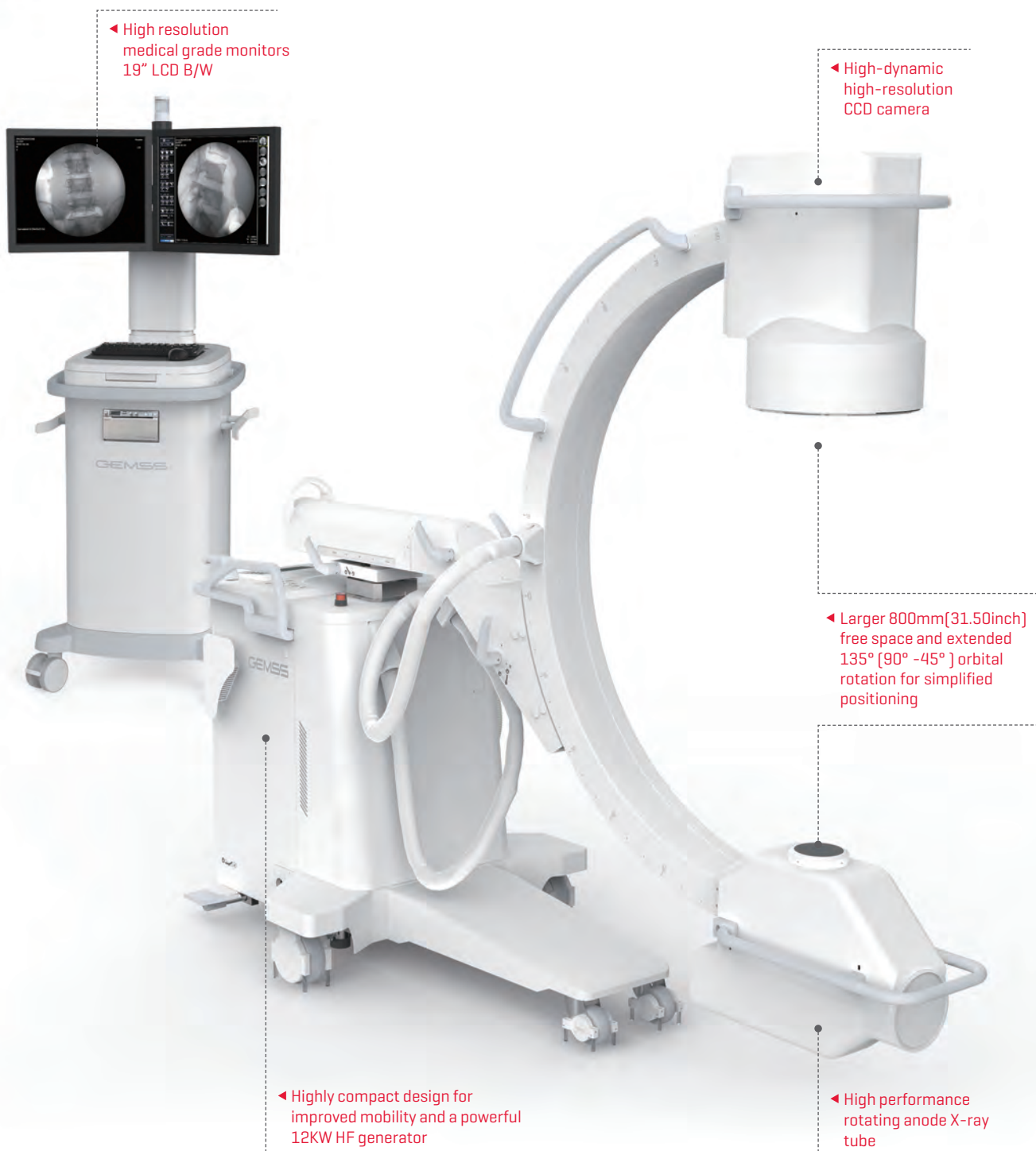
MOBILE SURGICAL FLUOROSCOPIC
X-RAY SYSTEM

The Power of Passion

GEMSS

Superior Image Performance

The rapidly changing Surgical Imaging market demands increased functionality and improved clinical applications, and the SPINEL 3G high performance surgical C-arm delivers in every detail, from its highly-attractive, modern appearance to its advanced engineering. Additional sub-handles and a minimized footprint; intuitive pictographic UI; superior image quality [from the smallest detail to L-spine lateral projection]; and lower dose; these are just a few of the advances of the SPINEL 3G.



Optimized Workflow

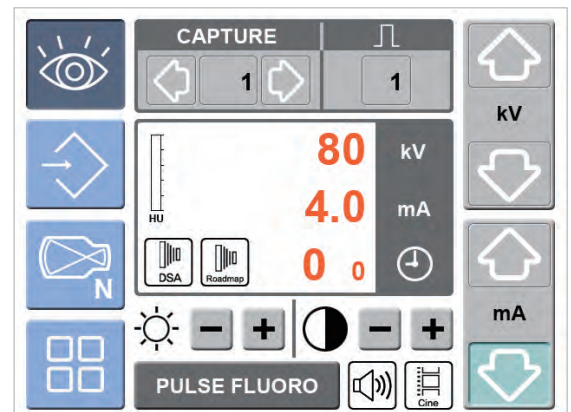
- Intuitive pictographic UI and Touchscreen OP panel
- Additional sub-handles for enhanced mobility
- Compact design provides more free space for operation
- Motorized cart elevation for easier monitor viewing
- Extended time and multi-frame recording capability
- Multi-speed [1,2,4,8,15,25 frames/sec]

* Thermal printer

* indicates optional item



Intuitive Touchscreen Menu



Op UI

Specifications at a Glance



12kw, High Frequency Generator



1K x1K High Resolution CCD Camera



135° Wide Orbital Rotation With Large SID Distance



Touchscreen C-arm Control



High Performance Rotating Anode X-ray Tube



Display of AKR and Cumulative Air Kerma [mGy/min. and mGy]



Lowering Dosage
-Virtual collimator
-Pulse mode



High Resolution B/W 19" LCD Medical Grade Monitors
-1,000cd/m²



Stability
-H.U.Display



Convenience
-Single power input
-Sub-handles
-Automatic monitor up/down
-3rd monitor
-Foot switch



Easy Archiving And Documentation
-DICOM 3.0
-CD/DVD Burner
-DICOM Paper print support
-USB Port

Smart CX-View



Database Management

- More convenient search & save capabilities
- Manage patient information
- Before & after surgery comparison



Unlimited Image Memory

- Unlimited patient capacity
- Unlimited study images



Versatile Diagnostic Tools

- Zoom, contrast, reverse, invert
- Filtering, edge enhancement
- Annotation



PACS Connectivity With DICOM 3.0

- Store and print, modality worklist management
- MPPS, storage commitment, and Import & export

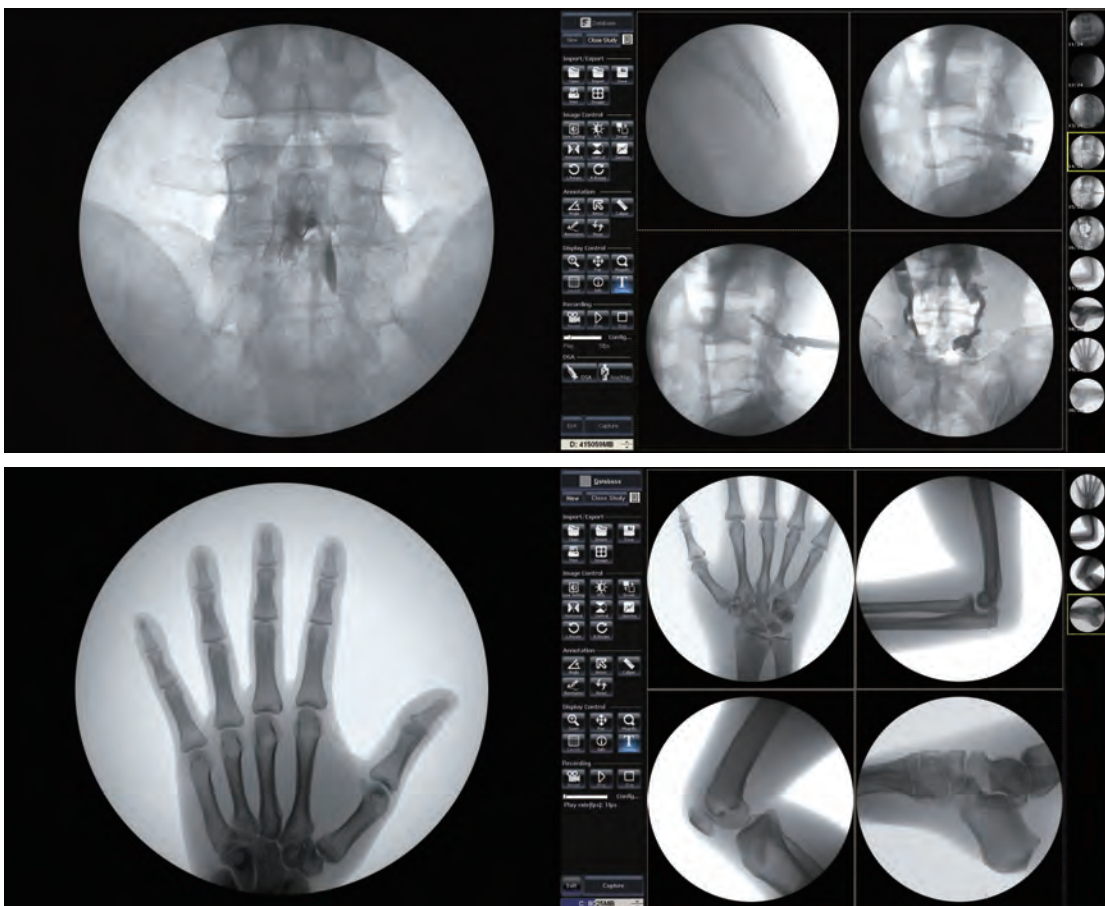
High-quality Imaging

Wide exposure range(0.2~10mA)

Improved penetration of dense anatomy with Boost Mode [up to 20mA]

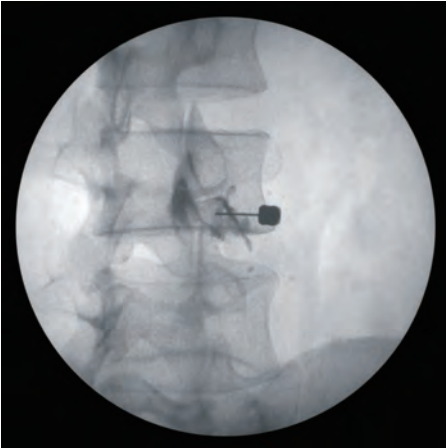
Pulse technology supports 30 FPS [frames / sec] for more precise operation

Smart ABC [Auto Brightness Control]

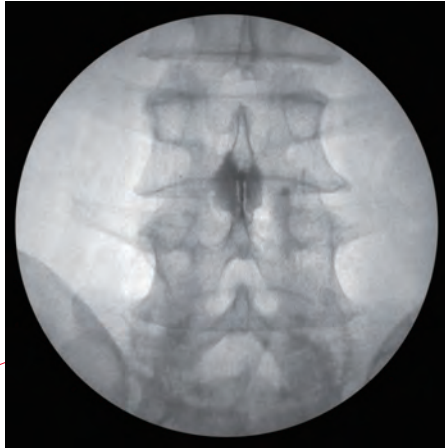


Applications

- General Surgery
- Orthopedic Surgery
- Neurology
- Urology
- Pain Management



Pain Management



Pain Management



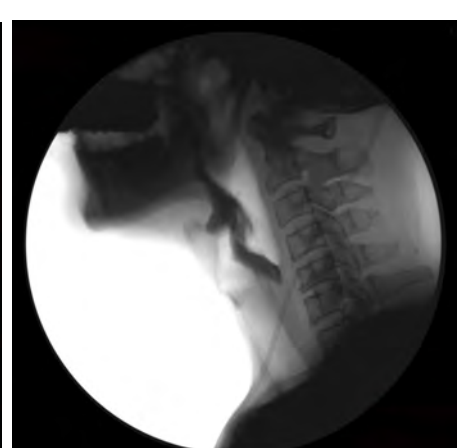
Spine



Spine



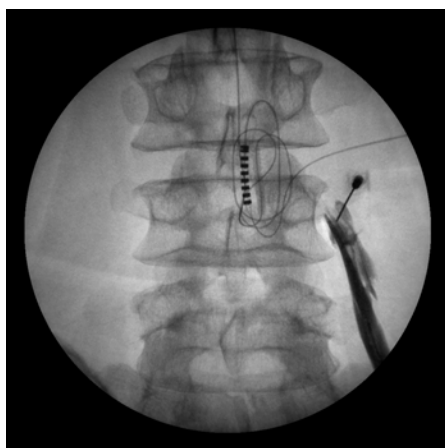
Orthopedics



Esophagography of rehabilitation



Thoracic Verte

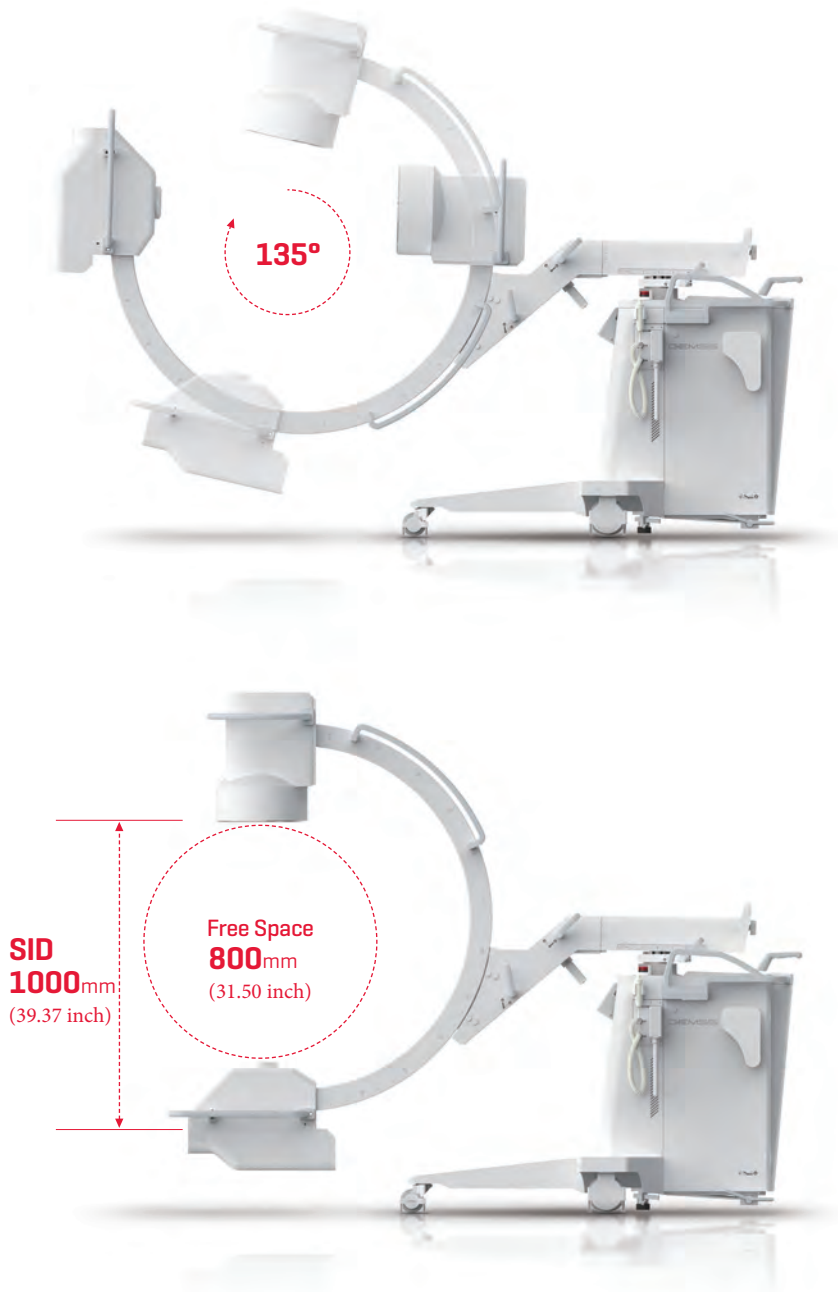


L-spine pain management



Cervical Block

Flexible Movement



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