The best healthcare possible

X-ray brochure

SG HealthCare Jumong Series
Digital/Conventional/Mobile/Veterinary/Portable/Retrofit/Software
SG Healthcare

Our quality system complies with ISO 13485:2013 international standards to meet demands of customers. SG Healthcare promises to improve the quality of patient care by making affordable, high-performance and cost efficient products.

Be better with us

SG Healthcare is the leading provider of medical equipment, medical solution and healthcare service. SG Healthcare is the newest and the most exciting force of change in the healthcare business and we are ready to change the way you feel and think about healthcare solutions.

More than just a promise, we are committed to making diagnostic systems which provide true pleasures for customers across the globe. With youthful styling and the latest in advanced technologies, SG Healthcare’s products are turning heads all over the world through progress in healthcare solutions.

Keep your eyes on SG Healthcare because our best has yet to come.
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Digital Radiography

Jumong M (Dual FPD system)

Solutions in many forms
Fully featured and designed for chest, supine and other radiography examinations. Whatever you need, you can find the right solution with an ease. Dual FPD system provides your patients a swift, smooth examination. Your staff an easy-to-use environment and your facility a reputation for quality.

Digital image acquisition & processing console
- High-throughput performance and easy workflow. Up to threefold efficiency
- RIS Modality worklist interface for patient’s examination and grouped procedure configuration
- Configurable procedure step sequencing by predefined APRs
- Consistent gray scale presentation
- DICOM 3.0
- Auto-tracking with wall stand and 6-way table

Detector
- Scintillator: CsI(Tl) (SGC)/Gd2O2S:Tb (SGG)
- 3,328 x 3,328 matrix, 14bit AD conversion, 11 Million pixels
- 127 micron pixel pitch
- Image preview time: 3sec.
- Less than 7 sec. for between two exposures
- 3.9 lp/mm spatial resolution

Tube
- Anode heat storage capacity: 300kHU
- Option: 400kHU and 600kHU
- Focal spot: 0.6/1.2mm
- Input energy: Min. 32-77kW

Collimator
- Manual collimator with ruler
- Option: CU or AL filters, laser centering and time adjusted light system, automatic collimator

Console & WS
- Controlled by keyboard and mouse
- HIS/RIS
- Integrated console with generator
- OS Win7
- 500GB HDD, 4GB RAM, 24” LED monitor (1TB HDD option)

Overhead Tube Crane (manual)
- Ceiling suspension system with vertical motorized and manual (auto tracking)
- Longitudinal travel: 3,320mm, and more
- Transverse travel: 2,130mm, and more
- Vertical travel: 1,500mm
- Tube rotation: Horizontal: -150° to 180° with catch position at -90°, 0°, 90°
- Vertical: -150° to +150°
- Tube’s angle indicator with SID

Wall Stand
- Manual by handle
- Movement range: Min. 475mm - Max. 1,790mm from floor

Floating Table
- Low X-ray attenuation material table with 350kg patient weight capacity
- Table top filtration: 0.4mm Al
- Equivalent (Option: Carbon fiber)
- Length: 2,200mm/86.6in
- Width: 800mm/31.5in
- Patient capacity: 350kg
- Transverse: ±115mm
- Longitudinal: ±550mm
- Bucky: ±350mm
- Vertical (option): 570 - 890mm

Product Information

Generator
- CPI CMP200 DR Series, 50kW (option: CPI 63kW, 80kW)
- Single/Three phase, 200VAC±10%/400VAC±10%
- 40-150kV in 1kV increments
- Option: AEC, DAP, 15”Touch screen console, Mini console for integrated console pc

Detector
- Effective imaging area: 423mm x 423mm
- 3,328 x 3,328 matrix, 14bit AD conversion, 11 Million pixels
- 127 micron pixel pitch
- Image preview time: 3sec.
- Less than 7 sec. for between two exposures
- 3.9 lp/mm spatial resolution

Tube
- Anode heat storage capacity: 300kHU
- Option: 400kHU and 600kHU
- Focal spot: 0.6/1.2mm
- Input energy: Min. 32-77kW
**Jumong M (Single FPD system)**

**Vertical freedom with synchronization**

*Fully featured and designed for chest, supine and other radiography examinations. Whatever you need, you can find the right solution with an ease. Jumong M provides your patients a swift, smooth examination. Your staff an easy-to-use environment and your facility a reputation for quality. There is no need to sacrifice quality to fit your budget.*

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**Digital image acquisition & processing console**

- High-throughput performance and easy workflow. Up to threefold efficiency
- RIS Modality worklist interface for patient’s examination and grouped procedure configuration
- Configurable procedure step sequencing by predefined APRs
- Consistent gray scale presentation
- DICOM 3.0
- Vertical synchronized movement

---

**Product Information**

<table>
<thead>
<tr>
<th>Component</th>
<th>Specification</th>
</tr>
</thead>
</table>
| **Generator** | CPI CMP200 DR Series, 50kW (option: CPI 65kW, 80kW)  
Single/Three phase, 200VAC±10%/400VAC±10%  
40-150kV in 1kV increments  
Option: ABC, DAP, 15” Touch screen console, Mini console for integrated console pc |
| **Detector** | Scintillator: Csl:Tl (SGC)/Gd2O2S:Tb (SGG)  
Effective imaging area: 423mm x 423mm  
3,238 x 3,238 matrix, 14bit AD conversion, 11 Million pixels  
127 micron pixel pitch  
Image preview time: 3 sec.  
Less than 7 sec. for between two exposures  
3.9 lp/mm spatial resolution |
| **Tube** | Anode heat storage capacity: 300kHU  
Option: 400kHU and 600kHU  
Focal spot: 0.6/1.2mm  
Input energy: Min. 32-77kW |
| **Collimator** | Manual collimator with ruler  
Option: CU or Al filters, laser centering and time adjusted light system, automatic collimator |
| **Console & WS** | Controlled by keyboard and mouse  
HIS/RIS  
Integrated console with generator  
OS Win7  
500GB HDD, 4GB RAM, 24” LED monitor (1TB HDD option) |
| **Overhead Tube Crane (manual)** | Ceiling suspension system with vertical motorized and manual (auto tracking)  
Longitudinal travel: 5,320mm, and more  
Transverse travel: 1,130mm, and more  
Vertical travel: 1,500mm  
Tube rotation: Horizontal: -150° to 180° with catch position at -90°, 0°, 90°  
Vertical: -150° to +150°  
Tube’s angle indicator with SID |
| **Wall Stand** | Manual by handle  
Movement range: Min. 375mm - Max. 1,790mm from floor |
| **Mobile Patient Table** | Table top size: 2,020 x 800mm  
Up / down range: 200mm (automatic)  
Floor range: Min. 705mm±10mm, Max. 905 mm±10mm |

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*Jumong M (Single FPD System)*
Jumong F
Smart, cost effective system
High reliability, ease of use, and diagnostic confidence. Enjoy a radiography system designed for reliable, consistent performance and low cost ownership. With a flexible range of positions, Jumong F provides your patients a fast and smooth examination.

Product Information

**Generator**
- CPI CMP200 DR Series, 40kW
- Single/three phase, 220VAC ±10%/380VAC ±10%/400VAC ±10%
- 40-125kV in 1kV increments (150kV optional three phase only)
- Option: AEC, DAP, 15" touch screen console, Mini console for integrated console pc, 50kW, 65kW, 80kW

**Detector**
- Scintillator: CsI:Tl [SGC]/Gd2O2S:Tb [SGC]
- Effective imaging area: 423 x 423mm
- 5.328 x 5.328 matrix, 14-bit AD conversion
- 127 micron pixel pitch
- Image acquisition and transfer time: 3 sec
- Less than 7 sec. for between two exposures
- 3.9 lp/mm spatial resolution

**Tube**
- Anode heat storage capacity: 140kHU
- Option: 300kHU, 400kHU and 600kHU
- Input energy: Min. 22.5-47kW

**Collimator**
- Manual collimator with ruler
- Option: CU or Al filters, laser centering and time adjusted light system, automatic collimator

**Floor Rail**
- Full movements with handle bar
- Tube stand rotation: catch point every 90°
- Tube rotation range: ±180° (catch point at ±90°)
- Lock: Fixed by clutch
- Operation: Dial panel type

**Wall Stand**
- Manual by handle
- Movement range: Min. 375mm - Max. 1790mm from floor

**Floating Table**
- Low X-ray attenuation material table with 350kg patient weight capacity
- Table top filtration: 0.8mm Al. Equivalent (option: Carbon fiber)
- Length: 2200mm/86.6in
- Width: 800mm/31.5in
- Height from floor: 700mm/28in
- Patient capacity: 350kg
- Transverse: ±115mm
- Longitudinal: ±550mm
- Bucky: ±350mm
- Vertical (option): 570 - 890mm

**Table**
- Length: 2200mm/86.6in
- Width: 800mm/31.5in
- Height from floor: 700mm/28in
- Patient capacity: 350kg
- Transverse: ±115mm
- Longitudinal: ±550mm
- Bucky: ±350mm
- Vertical (option): 570 - 890mm
Generator
CPI CMP200 DR Series, 50kW (option: CPI 65kW, 80kW)
Single/Three phase, 200VAC±10%/400VAC±10%
40-150kV in 1kV increments
Option: AEC, DAP, 15” Touch screen console, Mini console for integrated console pc

Detector
Scintillator: CsI:Tl, SrO:Eu,Tb[SGC]/Gd,Sc:Eu,Tb[SGG]
Effective imaging area: 423mm x 423mm
3,328 x 3,328 matrix, 14-bit AD conversion, 11 Million pixels
127 micron pixel pitch
Image preview time: 3 sec.
Less than 7 sec for between two exposures
3.9 lp/mm spatial resolution

Tube
Anode heat storage capacity: 300kHU
Option: 400kHU, 600kHU
Focal spot: 0.6/1.2mm
Input energy: Min. 32-77kW

Collimator
Manual collimator with ruler
Option: Cu or Al filters, laser centering and time adjusted light system, automatic collimator

Console & WS
Controlled by keyboard and mouse
HIS/RIS
Integrated console with generator
OS Win7
500GB HDD, 4GB RAM, 24” LED monitor (1TB HDD option)

Universal Stand
Full motorized movements either by buttons or by remote control
Touch screen on tube arm
Motorized SID adjustment from 1,000mm to 1,800mm (40” to 72”)
Motorized C-arm rotation from -30° to +120°
Manual tube rotation from -30° to 180° enabling free cassette exposures
Manual detector tilting range from -45° to +45°
Option: Auto collimation: SID between 1,000mm and 1,800mm

Mobile Table
Low X-ray attenuation material: table with 200kg patient weight capacity
Table top filtration: 1.2mm Al equivalent@100kV
Individual locking caster
Option: Up/down floating table with wheels

Jumong C
Multi position C structure
Simple, yet functional
A motorized universal stand and a basic mobile table complete the configuration. With SG’s detector which is fully AED functional, installation is as easy as connecting power to the system. It is an ideal system in places with limited space and budget. However, there is no need to sacrifice quality to fit your budget.

Specialized in all kinds of medical examinations
- The most worldwide well-known system. This single-panel multi-purpose universal arm system provides a cost effective ergonomic solution for the entire range of radiographic examinations
- Improvement in radiography speed by stability and optimum positioning on the universal stand
- Fast acquisition of image via RAPS (Remote Auto Positioning System) support
- Auto-stitching function which does not require operator’s interrupt during operation (optional)
Simple, yet complete  
It is a simple structure. There is no need to sacrifice quality to fit your budget. Your choice of elevation or rotation can be selected by pressing console or using remote control.

Specialized in all kinds of medical examinations
- The most worldwide well-known system. This single-panel multi-purpose Universal Arm system provides a cost effective ergonomic solution for the entire range of radiographic examinations
- Improvement in radiography speed by stability and optimum positioning on the universal stand
- Fast acquisition of image via RAPS (Remote Auto Positioning System) support
- Auto-stitching function which does not require operator’s interrupt during operation (optional)

### Product Information

<table>
<thead>
<tr>
<th>Component</th>
<th>Specifications</th>
</tr>
</thead>
</table>
| **Generator**      | **CPI CMP200 DR Series, 50kW (option: CPI 65kW, 80kW)**  
Single/Three phase, 200VAC±10%/400VAC±10%  
40-150kV in 1kV increments  
Option: AEI, DAP, 15" Touch screen console, Mini console for integrated console pc |
| **Detector**       | Scintillator: CsI:Ti [SGC]/GdO₂:Ś:Ti[SGG]  
Effective imaging area: 423mm x 423mm  
3,328 x 3,328 matrix, 14bit AD conversion, 11 Million pixels  
127 micron pixel pitch  
Image preview time: 3sec  
Less than 7 sec. for between two exposures  
3.9 lp/mm spatial resolution |
| **Tube**           | Anode heat storage capacity: 300kHU  
Option: 400kHU and 600kHU  
Focal spot: 0.6/1.2mm  
Input energy: Min. 32-77kW |
| **Collimator**     | Manual collimator with ruler  
Option: CU or Al filters, laser centering and time adjusted light system, automatic collimator |
| **Console & WS**   | Controlled by keyboard and mouse  
HIS/RIS  
Integrated console with generator  
OS Win7  
500GB HDD, 4GB RAM, 24" LED monitor (1TB HDD option) |
| **Universal Stand**| Fully motorized movements either by buttons or by remote control  
Option: Auto Collimation: SID between 1,000mm to 1,800mm  
Touch screen on tube arm: SID, tube angulations display |
| **Mobile Table**   | Low X-ray attenuation material table with 220kg patient weight capacity  
Table top filtration: 1.2mm Al Equivalent@100kV  
Break system: by foot pedal  
Option: Updown floating table with wheels |
Jumong E

Floor rail tube stand with elevating detector stand

Extend your clinical capacity with Jumong E budget system. Stretch the capabilities of your hospital and budget with SG Jumong E. Turn a small space into an excellent multipurpose DR examination room. Perform all general digital examinations for standing, sitting or recumbent patients, using the built-in flat detector.

- Fast and accurate radiography from head to ankle through wide range of detector and tube
- Economical efficient system that can be fit with medical examination centers or small and midsize clinics

**Product Information**

<table>
<thead>
<tr>
<th>Component</th>
<th>Specifications</th>
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</thead>
<tbody>
<tr>
<td><strong>Generator</strong></td>
<td>CPI CMP200 DR Series, 50kW (option: CPI 65kW, 80kW)</td>
</tr>
<tr>
<td></td>
<td>Single/Three phase, 200VAC±10%/400VAC±10%</td>
</tr>
<tr>
<td></td>
<td>40-150kV in 1kV increments</td>
</tr>
<tr>
<td></td>
<td>Option: AEC, DAP, 15” Touch screen console, Mini console for integrated console pc</td>
</tr>
<tr>
<td><strong>Detector</strong></td>
<td>Scintillator: CsI:Ti (SGC)/Gd2O2S:Tb (SGG)</td>
</tr>
<tr>
<td></td>
<td>Effective imaging area: 423mm x 423mm</td>
</tr>
<tr>
<td></td>
<td>3,328 x 3,328 matrix, 14 bit AD conversion, 11 Million pixels</td>
</tr>
<tr>
<td></td>
<td>127 micron pixel pitch</td>
</tr>
<tr>
<td></td>
<td>Image preview time: 3 sec.</td>
</tr>
<tr>
<td></td>
<td>Less than 7 sec. for between two exposures</td>
</tr>
<tr>
<td></td>
<td>3.9 lp/mm spatial resolution</td>
</tr>
<tr>
<td><strong>Tube</strong></td>
<td>Anode heat storage capacity: 300kHU</td>
</tr>
<tr>
<td></td>
<td>Option: 400kHU and 600kHU</td>
</tr>
<tr>
<td></td>
<td>Focal spot: 0.6/1.2mm</td>
</tr>
<tr>
<td><strong>Collimator</strong></td>
<td>Manual collimator with ruler</td>
</tr>
<tr>
<td></td>
<td>Option: CU or Al filters, laser centering and time adjusted light system, automatic collimator</td>
</tr>
<tr>
<td><strong>Console &amp; WS</strong></td>
<td>Controlled by keyboard and mouse</td>
</tr>
<tr>
<td></td>
<td>HIS/RIS</td>
</tr>
<tr>
<td></td>
<td>Integrated console with generator</td>
</tr>
<tr>
<td></td>
<td>OS Win 7</td>
</tr>
<tr>
<td></td>
<td>500GB HDD, 4GB RAM, 24” LED monitor (1TB HDD option)</td>
</tr>
<tr>
<td><strong>Universal Stand</strong></td>
<td>Manual railway tube stand with elevating detector stand</td>
</tr>
<tr>
<td></td>
<td>Option: Vertical auto tracking</td>
</tr>
<tr>
<td><strong>Mobile Table</strong></td>
<td>Low X-ray attenuation material table with 220kg patient weight capacity</td>
</tr>
<tr>
<td></td>
<td>Table top filtration: 1.2mm Al. Equivalent@100kV</td>
</tr>
<tr>
<td></td>
<td>Break system: by foot pedal</td>
</tr>
<tr>
<td></td>
<td>Option: Updown floating table with wheels</td>
</tr>
</tbody>
</table>
Jumong Mobile

Conventional / Digital / Digital Motor driven (battery built-in)

Jumong Mobile, based on our revolutionary Jumong family of X-ray systems, gives you the freedom to upgrade to a fully integrated digital mobile solution when it aligns with your needs. You can enjoy the ease of use and time-saving advantages Jumong Mobile offers.

- Fast and accurate radiography from head to ankle through wide range of detector and tube
- Economical efficient system that can be fit with medical examination centers or small and midsize hospitals

Product Information

Flat Detector (THALES 3543 EZ Wifi)

- Scintillator: CsI:Tl [3543EZ-C] / Gd2O2S:Tb [3543EZ-G]
- Effective imaging area: 350 x 430mm
- 2,400 x 2,880 matrix, 16bit AD conversion
- 148micron pixel pitch
- Image acquisition and transfer time: 3 sec.
- Less than 10 sec. for between two exposures
- 3.9 lp/mm spatial resolution
- Wireless

Control Console & Digital Unit

- Medical 19” color touch monitor
- HIS/RIS
- Integrated console with generator
- Intel Core 2 Duo
- OS Win7
- 320GB HDD and 2GB RAM

Use Environment of Detector

<table>
<thead>
<tr>
<th>Item</th>
<th>Operation</th>
<th>Storage &amp; Transportation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Temperature</td>
<td>+10~+35°C</td>
<td>-10~+55°C</td>
</tr>
<tr>
<td>Humidity</td>
<td>20~80% (Non-condensing)</td>
<td>5~95% (Non-condensing)</td>
</tr>
<tr>
<td>Atmospheric Pressure</td>
<td>700~1,100 hPa</td>
<td>500~1,100 hPa</td>
</tr>
<tr>
<td>Vibration</td>
<td>2G</td>
<td>2G</td>
</tr>
<tr>
<td>Maximum power</td>
<td>30kW</td>
<td>40kW</td>
</tr>
<tr>
<td>Optional</td>
<td>40kW</td>
<td></td>
</tr>
<tr>
<td>Max ripple</td>
<td>&lt;1% at max power</td>
<td></td>
</tr>
<tr>
<td>Exposure times</td>
<td>1ms</td>
<td></td>
</tr>
<tr>
<td>kV range</td>
<td>40-125kV (steps 3kV)</td>
<td></td>
</tr>
<tr>
<td>mAs range</td>
<td>0.5-320mAs (7 steps)</td>
<td></td>
</tr>
<tr>
<td>Max current</td>
<td>320mA</td>
<td></td>
</tr>
<tr>
<td>1217 CsI</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wi-Fi PPD</td>
<td>9 Mega pixel</td>
<td></td>
</tr>
</tbody>
</table>

Generator

<table>
<thead>
<tr>
<th>Max power</th>
<th>4kW</th>
<th>15kW</th>
<th>30kW</th>
<th>15kW HS</th>
<th>30kW HS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max voltage</td>
<td>110kV</td>
<td>123kV</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Max current</td>
<td>80mA</td>
<td>200mA</td>
<td>400mA</td>
<td>200mA</td>
<td>320mA</td>
</tr>
<tr>
<td>Max mAs</td>
<td>200mAs</td>
<td>250mAs</td>
<td>320mAs</td>
<td>250mAs</td>
<td>320mAs</td>
</tr>
<tr>
<td>Frequency</td>
<td>HF 40 kHz</td>
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</tr>
<tr>
<td>Monobloc thermal capacity</td>
<td>475kHU</td>
<td>1,103kHU</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Jumong V

Perfect for quick chest exams / vehicle installation / cost and space conscious
Vertical synchronized stands with a single 17X17 cassette size detector allows a full range of chest and other vertical examinations. It is an ideal solution for vehicles and space conscious sites.

- Easy installation and operation in a clinic or a vehicle
- Fully automatic synchronized up & down movement

Product Information

<table>
<thead>
<tr>
<th>Component</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Generator</strong></td>
<td>CPI CMP200 DR Series, 50kW (option: CPI 65kW, 80kW) Single/Three phase, 200VAC±10%/400VAC±10% 40-150kW in 1kV increments</td>
</tr>
<tr>
<td><strong>Detector</strong></td>
<td>Scintillator: CsI:TI (SGC)/GdO2:Tb/SGG&lt;br&gt;Effective imaging area: 423mm x 423mm 3,328 x 3,328 matrix, 14bit A/D conversion, 11 Million pixels 127 micron pixel pitch&lt;br&gt;Image preview time: 3sec.&lt;br&gt;Less than 7 sec. for between two exposures 1.9 lp/mm spatial resolution</td>
</tr>
<tr>
<td><strong>Tube</strong></td>
<td>Anode heat storage capacity: 300kHU&lt;br&gt;Option: 400kHU and 600kHU&lt;br&gt;Focal spot: 0.6/1.2mm&lt;br&gt;Input energy: Min. 32-77kW</td>
</tr>
<tr>
<td><strong>Collimator</strong></td>
<td>Manual collimator with ruler&lt;br&gt;Option: CU or Al filters, laser centering and time adjusted light system, automatic collimator</td>
</tr>
<tr>
<td><strong>Console &amp; WS</strong></td>
<td>Controlled by keyboard and mouse&lt;br&gt;HIS/RIS&lt;br&gt;Integrated console with generator&lt;br&gt;OS Win7&lt;br&gt;500GB HDD, 4GB RAM, 24&quot; LED monitor (1TB HDD option)</td>
</tr>
<tr>
<td><strong>Synchronized Stands</strong></td>
<td>Synchronized tube stand and detector stand&lt;br&gt;Suitable for chiropractic purpose</td>
</tr>
</tbody>
</table>
Jumong RF

Jumong RF is a compact, versatile, remote-controlled RF system with dynamic flat detector technology, height-adjustable table and true dual use fluoroscopy & radiography capability. It is designed to help you achieve imaging excellence, simplify your workflow and expense your patient base.

Built for everyday clinical use
- General design to fit a wide spectrum of clinical exams
- Pre-set & optimized anatomically programmed radiography (APR)
- Real RAD mode fast switching for high quality image capture

Smarter dose reduction for higher image quality
- Lower the does while maintaining best diagnosis capability
- Features for dose reduction: Cine-loop or last fluoroscopy hold system, fast ABC, proprietary advanced
- Processing for active noise reduction, dose reporting
- Tunable settings to adapt image processing algorithm to fit specific needs (on demand)

Product Information

<table>
<thead>
<tr>
<th><strong>Generator</strong></th>
<th><strong>Power</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>CPI INDICO 100 series 50kW</td>
<td></td>
</tr>
<tr>
<td>Radiographic kV</td>
<td></td>
</tr>
<tr>
<td>40-150kV</td>
<td></td>
</tr>
<tr>
<td>Fluoroscopy mA range</td>
<td></td>
</tr>
<tr>
<td>0.5mA-10mA in 0.1 mA steps</td>
<td></td>
</tr>
<tr>
<td>Radiography mAs</td>
<td></td>
</tr>
<tr>
<td>10mA-30mA, step adjustment</td>
<td></td>
</tr>
<tr>
<td>Fluoroscopic kV</td>
<td></td>
</tr>
<tr>
<td>40-125kV</td>
<td></td>
</tr>
<tr>
<td>option: 65kW, 80kW</td>
<td></td>
</tr>
</tbody>
</table>

| **Detector** | **Dynamic flat panel detector** |

| **Tube** | **Anode heat storage capacity**: 300kHU |
| Option: 400kHU and 600kHU |
| Focal spot: 0.6/1.2mm |
| Input energy: Min. 32-77kW |

| **Collimator** | **Manual collimator with ruler** |
| Option: CU or AL filters, laser centering and time adjusted light system, automatic collimator |

| **Console & WS** | **Integrated console with generator** |
| **Controlled by keyboard and mouse** |
| **HIS/RIS** |
| **OS Win7** |
| **500GB HDD, 4GB RAM, 24" LED monitor (1TB HDD option)** |

| **Motorized stand** | **Remote control motorized stand** |
**Product Information**

**Specification**
- Scintillator: CsI:TI [SGC] / Gd202S:Tb [SGG]
- Effective imaging area: 423 x 423mm
- 3,328 x 3,328 matrix, 16bit AD conversion, 11 Million Pixels
- 127 micron pixel pitch
- Image acquisition and transfer time: 3 sec.
- Less than 6 sec. for between two exposures
- 3.9 lp/mm spatial resolution
- Generator voltage range: 40~150kV
- Application: Medical, VET

**Use Environment of Detector**

<table>
<thead>
<tr>
<th>Item</th>
<th>Operation</th>
<th>Storage &amp; Transportation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Temperature</td>
<td>+10 ~ +35°C</td>
<td>-15 ~ +35°C</td>
</tr>
<tr>
<td>Humidity</td>
<td>30~85% (Non-condensing)</td>
<td>10~90% (Non-condensing)</td>
</tr>
<tr>
<td>Atmospheric Pressure</td>
<td>700~1,060 hPa</td>
<td>500~1,060 hPa</td>
</tr>
<tr>
<td>Shock</td>
<td>1.6G</td>
<td>20G</td>
</tr>
<tr>
<td>Vibration</td>
<td>0.7G</td>
<td>0.7G</td>
</tr>
</tbody>
</table>

Jumong Retro is a wired cassette size 17X17 flat panel detector available both in CsI and Gadox. It is as thin as a film cassette that one can easily alternate position without having to use much force. Also, it can withstand levels of shock and vibration and are stable at a range of temperatures and humidity, offering you solid reliability. The detectors are designed to provide long-lasting performance year after year.

- No generator connection
- No bucky modification
- Single detector for multi practice
Conventional Radiography

Jumong General

Enhance your workflow with vertical motor driven Jumong General (Pro) budget system. For daily image examination, especially when increased patient volume pushes your existing radiography resources to the limit, this system can help. Available with a variety of options, it is capable of handling a full range of applications including chest, abdominal and extremity examinations.

Digital image acquisition & processing console
- SG’s floor mounted system is designed to offer all types of exams to clinics which have high volumes of patients
- Its compact and clever design delivers high-performance as well as cost-effective operation

<table>
<thead>
<tr>
<th>Product Information</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Generator</strong></td>
</tr>
<tr>
<td>40kW</td>
</tr>
<tr>
<td>220VAC</td>
</tr>
<tr>
<td>40-125kV</td>
</tr>
<tr>
<td>Membrane console</td>
</tr>
<tr>
<td>Option: 50kW, 65kW, 80kW, 400VAC (±10%)</td>
</tr>
<tr>
<td>150kW (optional: three phase only)</td>
</tr>
</tbody>
</table>

| **Tube**             |
| Anode heat storage capacity: 140kHU |
| Focal spot: 1.0/2.0mm |
| Input energy: Min. 32-77kW |
| Option: 300kHU, 400kHU and 600kHU |

| **Collimator**       |
| Manual collimator with ruler |
| Option: Cu or Al filters, laser centering and time adjusted light system |

| **Floor Rail**       |
| Tube rotation range: ±180° (catch point at ±90°) |
| Lock: Electric magnet brake |
| Motorized vertical movement |
| Manual horizontal movement |

| **Floating Table**   |
| Low X-ray attenuation material table with 135kg patient weight capacity |
| Length: 2,010mm (79.1in) |
| Width: 795mm (31.3in) |
| Height from floor: 705mm (27.8in) |
| Transverse: 265mm |
| Longitudinal: ±500mm |

| **Wall Stand**       |
| Manual by handle |
| Height from floor: 2,100mm |
| Movement range: Min. 420mm - Max. 1,730mm from floor |
Veterinary Solutions

FineVet DR 9

Ideal choice for a complete range of radiographic procedures and eliminates the need for costly room modifications

Smart digital X-ray system for every little breath

Stationary system with 17X17 cassette size detector allows a full range of chest and other vertical examinations. It is an ideal solution for everyday image examination of small and big animals.

<table>
<thead>
<tr>
<th>Product Information</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Generator</strong></td>
</tr>
<tr>
<td>CPI CMP 200 40kw, single phase, 220VAC±10%/380VAC±10%</td>
</tr>
<tr>
<td>40-125kVp in 1kV increments</td>
</tr>
<tr>
<td>Membrane console, exposure hand switch</td>
</tr>
<tr>
<td><strong>Detector</strong></td>
</tr>
<tr>
<td>Scintillator: CsTI [SGC]/Gd;O,S,Tb [SGC]</td>
</tr>
<tr>
<td>Effective imaging area: 423 x 423mm</td>
</tr>
<tr>
<td>3,328 x 3,328 matrix, 14bit AD conversion</td>
</tr>
<tr>
<td>127 micron pixel pitch</td>
</tr>
<tr>
<td>Image acquisition and transfer time: 3 sec.</td>
</tr>
<tr>
<td>Less than 7 sec. for between two exposures</td>
</tr>
<tr>
<td>3.9 lp/mm spatial resolution</td>
</tr>
<tr>
<td><strong>Tube</strong></td>
</tr>
<tr>
<td>Toshiba E7Z39x</td>
</tr>
<tr>
<td>Anode heat storage capacity: 140kHU housing</td>
</tr>
<tr>
<td>Heat storage capacity: 1,250kHU</td>
</tr>
<tr>
<td>Focal spot: 1.0/2.0 mm</td>
</tr>
<tr>
<td><strong>Collimator</strong></td>
</tr>
<tr>
<td>Manual collimator with ruler and laser</td>
</tr>
<tr>
<td>Option: CU or Al filters, laser centering and time adjusted light system</td>
</tr>
<tr>
<td><strong>Veterinary Table</strong></td>
</tr>
<tr>
<td>4-way floating table, table top: 1,400mm x 700mm (55.1in x 27.6in)</td>
</tr>
<tr>
<td>Longitudinal stroke: ±276mm (±10.9in)</td>
</tr>
<tr>
<td>Transverse stroke: ±94mm (±3.7in)</td>
</tr>
<tr>
<td>Up &amp; down tube arm movement, stroke: 700~1,000mm (27.6in ~ 39.4in)</td>
</tr>
<tr>
<td>Weight capacity: 150kg (330lb)</td>
</tr>
<tr>
<td>Table top: 0.8Al equivalent.</td>
</tr>
<tr>
<td>Option: Carbon fiber material</td>
</tr>
</tbody>
</table>
FineVet DR9 Portable

Ideal choice for a complete range of radiographic procedures and eliminates the need for costly room modifications.

Carry your will

This is a complete outdoor X-ray system with our finest portable generator OSU-25 and wireless 14x17 flat panel detector. It comes with a laptop, software and a carry bag as a set. Images are instantly transferred to the laptop once radiation is detected on the flat panel (AED).

**Product Information**

<table>
<thead>
<tr>
<th>Description</th>
<th>FineVet DR9 Portable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detector</td>
<td>14&quot; x 17&quot; wireless flat panel detector (CsI, Gadox)</td>
</tr>
<tr>
<td>Work Station</td>
<td>Laptop, i7, OS windows</td>
</tr>
<tr>
<td>Software</td>
<td>Dedicated software</td>
</tr>
<tr>
<td>Generator Type</td>
<td>Battery powered HF generator</td>
</tr>
<tr>
<td>Inverter Output (KW)</td>
<td>2.4kW, 30mA@80kV</td>
</tr>
<tr>
<td>kV Range</td>
<td>40-100 kV, 1kV increment</td>
</tr>
<tr>
<td>mA Range</td>
<td>16 to 35 mA, variable</td>
</tr>
<tr>
<td>mAs Range</td>
<td>0.4-100 mAs, 35 selections</td>
</tr>
<tr>
<td>Console &amp; Display</td>
<td>kV &amp; mAs LED display</td>
</tr>
<tr>
<td>Controller Software</td>
<td>Ready &amp; Exp. LED indicator</td>
</tr>
<tr>
<td>Battery Features</td>
<td>Programmable laser beam &amp; collimator lamp</td>
</tr>
<tr>
<td>X-ray Tube</td>
<td>Fixed anode type</td>
</tr>
<tr>
<td>Battery Features</td>
<td>Rechargeable lithium-ion type</td>
</tr>
<tr>
<td>Dual Laser</td>
<td>Programmable controller</td>
</tr>
<tr>
<td>Laser Collimator</td>
<td>Manual: collimator 4 blades</td>
</tr>
<tr>
<td>Auto Compensation</td>
<td>Battery voltage comp. ±10%</td>
</tr>
<tr>
<td>Charger Power Requirement</td>
<td>Auto switch, 110/220AC, 50/60 Hz</td>
</tr>
<tr>
<td>Net Weight</td>
<td>14.0Kg (30.9lbs)</td>
</tr>
<tr>
<td>Size</td>
<td>25x23x20 cm (14x9.3x8.0 inches)</td>
</tr>
</tbody>
</table>
Resolution MD™

SG HealthCare in partnership with Calgary Scientific Inc. Now provides clinicians with Resolution MD™, the world’s leading web and mobile, regulatory approved, diagnostic diagnostic viewer via its vast worldwide dealer/sales network.

Any EMR, Any Storage System - One Enterprise Image - Viewer

Diagnostic medical imaging software, Resolution MD® enables doctors to securely view patient images and reports from a wide variety of computers and mobile devices, collaborate with other practitioners and diagnose from any location. Whether you are a single facility or a large healthcare system with tens of thousands of users, ResolutionMD is one of the only FDA class II cleared solutions for seamless image access across multiple departments from web and mobile devices.
Service

Customer Oriented

Your values are of utmost importance to us. As a leading medical diagnostic device manufacturer, we take full responsibility in satisfying your needs by providing high quality products to the global market. Also, by collaborating user friendly interface and design, we actualize your desires and needs. We promise to stand by your side and always strive to add pleasure at your workplace.

Approved Quality

We put great deal of emphasis on well-being of mankind. SG Healthcare upholds this value by manufacturing reliable and reasonable medical diagnostic devices. And also by distributing our quality products all over the world through fortified SG Healthcare’s global network, we wish to present better life for every little breath.

24/7 Fast response

We embrace all challenges and counter act with pride and quickness to all claims. Fast response offers customers with satisfaction and improves reliability of SG Healthcare. We strive to provide the most comprehensive service for every claim, regardless of location and time. This is how we have maintained friendship over 33 countries worldwide.