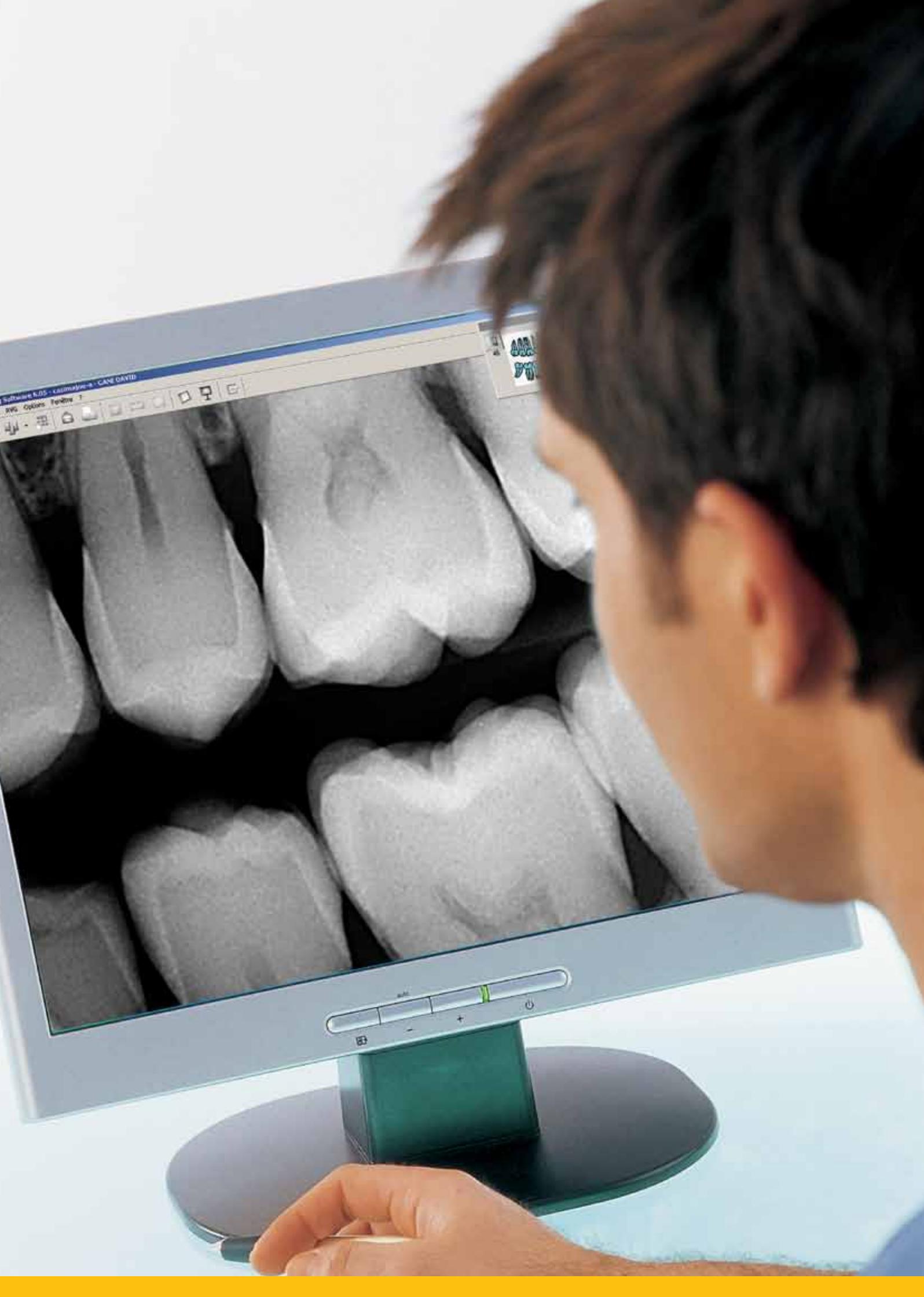


RVG 6100/5100



One standard.
Two solutions.





Ongoing innovation

The pursuit of excellence

RVG 5100 and 6100 digital radiography systems provide state-of-the-art imaging technology.

Remarkable refinements

Because of our emphasis on excellence, both systems benefit from a number of advantageous enhancements.

One phenomenal unit

With affordably priced, advanced technology, the RVG 5100 system is an ideal compromise between accessibility and quality.

Two phenomenal units

The RVG 6100 system, which offers unsurpassed image resolution of >20 lp/mm, is the natural choice for dental professionals seeking the utmost precision in both complex and routine examinations.

Real distinction

Choosing an RVG system provides all the advantages of state-of-the-art digital technology along with all the confidence of choosing a dental product.

Making changes

Paying close attention

The RVG systems' modifications result from heeding dentists' feedback and making scrupulous enhancements. Quite remarkably, we accomplished them all with no impact on image quality whatsoever.

Enhanced design

The sensor cable is located on the back for improved patient comfort, allowing for easier placement of the sensor regardless of orientation. A size 0 sensor is also available for paediatric exams.



Improving the design

More practical

The cable is now positioned on the back of the sensor. It's a shift of millimetres, that makes a world of difference. Positioning becomes easier, which is instrumental to obtaining better images.

More comfortable

We rounded the sensor so patients are more comfortable, thus helping to obtain a great image every time.

More durable

After a battery of strenuous tests in our labs, our sensors are even more resistant to the inevitable shocks, bites and drops.

The 6100 bonus: size 0 sensor

The RVG 6100 system features a size "zero" sensor, perfect for paediatric applications. It is comfortable for small mouths and makes positioning easier, thus avoiding retakes. Radiation exposure is also up to 40% less than larger sensors.



Top Left: Size 0 for paediatric examinations

Top Right: Size 1 « universal » sensor

Bottom: Size 2 with 60% more active area



Bridging the gap

A delicate balance

You're looking to make the jump to digital but you're keeping an eye on budgetary considerations. It doesn't have to be a problem.

An ideal solution

We strive to offer a range of high quality solutions for every type of practice. This determination yields exceptional products like the RVG 5100 system.

Affordable quality and performance

The RVG 5100 system offers the ideal compromise between image quality and price. With a resolution of 14 lp/mm you'll take high quality images while remaining totally within your budget.

Remote control

Integrated into the cable, it allows chairside sensor activation and image preorientation before your exposure. Keyboard operation is no longer necessary before and after image capture.



Quality benefits

Simple

Like all Carestream Dental systems products, the RVG 5100 system is easy to use and easy to learn. You'll hardly need to consult the manual. With RVG systems, high-tech and user-friendly go hand in hand.

Convenient software

Our intuitive software modifies and manages images in just a few clicks. You can print, email, copy, and archive images in moments.

An excellent start

Ultimately, because the RVG 5100 system is able to reconcile simplicity, affordability and quality, making it your ideal first step into digital radiography.

Recover your shots

CS imaging software can enhance images, sparing you retakes.



Under-exposed image, uncorrected



Under-exposed image with contrast correction



Over-exposed image, uncorrected



Over-exposed image with contrast correction

Peerless

Incredible resolution

The RVG 6100 digital radiography system provides unsurpassed image resolution. Technically speaking, the RVG 6100 system's resolution is >20 lp/mm. In simple terms, that's the highest resolution possible. In even simpler terms, a resolution comparable to that of InSight X-ray film.

Quite clearly

In the simplest of terms, it means images with the level of detail necessary for the most complex examinations required of specialty practises such as endodontics and implantology.



Clear detail
High resolution means fine detail...
even when zoomed in.

Simple yet sophisticated

Simple design

Learning to use the RVG 6100 system is a snap. Your entire team will quickly adapt to the system. That's simplicity at work.

Advanced software

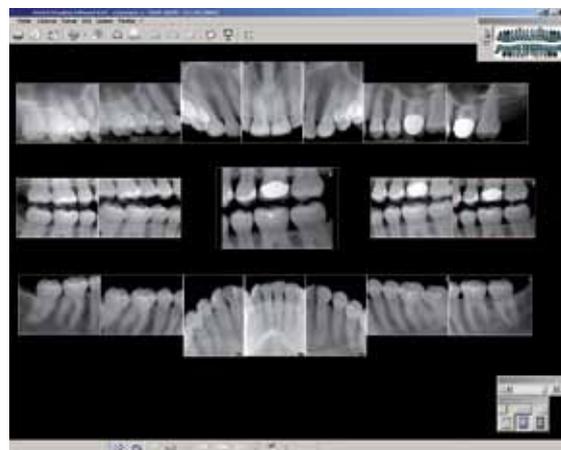
The RVG 6100 system is equipped with powerful Carestream Dental imaging software. It displays intraoral images alongside panoramic, cephalometric, photographic and intraoral video camera images, all on the same screen so you can talk patients through procedures. It even allows you to control all your other Carestream Dental imaging systems for high performance, streamlined care.

Innovative features

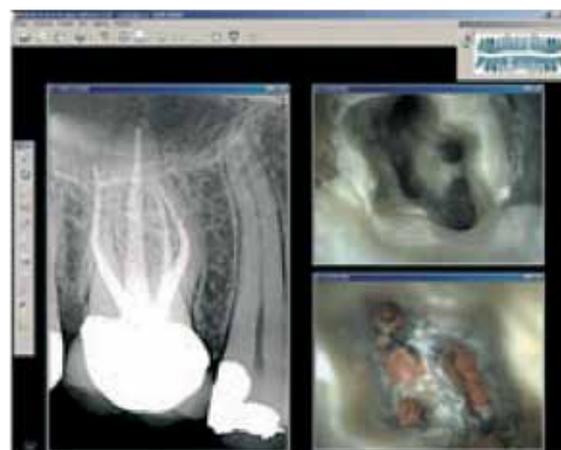
Thanks to pioneering image analysis tools, you'll highlight and reveal all the details you need for your most challenging exams. Even better, because it's digital, it happens near instantaneously.

Making advances

The RVG 6100 system is a technological leap forward. It will transform your practice, impacting you as much as your patients.



A user-friendly and fully customisable working interface.



Context function regroupes all the images used during treatment and retrieved them instantly.



Technical Specifications

	RVG 5100 System	RVG 6100 System
Sensor Size 1 - General-purpose sensor offering the best combination of ease-of-use and active surface area		
External dimensions	27.5 x 37.7 mm	27.5 x 37.7 mm
Active area dimensions	22 x 30 mm (660 mm ²)	22 x 30 mm (660 mm ²)
Matrix dimensions (pixels)	1200 x 1600 mm (1.92 million)	1200 x 1600 mm (1.92 million)
Sensor Size 2 - 60 % more active area for bitewing radiographs		
External dimensions	32.2 x 44.1 mm	32.2 x 44.1 mm
Active area dimensions	27 x 36 mm (972 mm ²)	27 x 36 mm (972 mm ²)
Matrix dimensions (pixels)	1440 x 1920 (2.76 million)	1440 x 1920 (2.76 million)
Sensor Size 0 - For pediatric examinations		
External dimensions	-	22.2 x 30.8 mm
Active area dimensions	-	17 x 22 mm (374 mm ²)
Matrix dimensions (pixels)	-	900 x 1200 mm (1.08 million)
All sensors		
True image resolution	14 lp/mm	Size 1 and 2 sensors: Greater than 20 lp/mm Size 0 sensor: 15 lp/mm
Theoretical sensor resolution	27.03 lp/mm	27.03 lp/mm
Pixel size	18.5 microns	18.5 microns
Technology	Carestream Dental sensor technology with optical fiber	Carestream Dental sensor technology with optical fiber
Connection	USB2 – high speed	USB2 – high speed
Imaging software	CS dental imaging software	CS dental imaging software

A complete system

Accessories are included

RVG systems are delivered with the accessories necessary to make the most of the system and yield superb results. You will receive positioners, disposable hygienic sheaths, and a sensor holder. You can also request the optional synchronization link.



Positioning is crucial

Kerr positioners help get comfortable and correct positioning of your sensor for clear X-rays.



Automatic synchronization

Use the synchronization link to synchronize X-ray emission with sensor activation.

Full support and service

Setting outstanding service standards

For us, service is an essential element of our strategy. For you, it ensures enhanced productivity and peace of mind. We provide you with all the services you need to improve your practice efficiency. Our Pan-European network of offices and authorised dealers ensures that we can do this wherever you are.

Long term piece of mind

In addition to the standard factory warranty, you can also benefit from optional warranty extension programs. They include rapid replacement service and free phone support.

Would you like to know more?

www.carestreamdental.com

Alternatively, contact your local authorised dealer.

Want to subscribe to our newsletter?

Email dentalnews@carestream.com.