

A Powerful Generator from the Palm of Your Hand

No matter how complex or simple a procedure can be, it usually all starts with an intraoral X-ray exam. The clinical value of intraoral exams is the foundation of any efficient dental practice. Where the debate between film over digital to capture an image is over, there is still the question of wall-mounted versus mobile source of X-rays. One will offer a powerful and sharp beam for great image quality, the other will offer flexibility of use and patient focus. What if a solution could bring the best of the two words in one device?

The CS 2300P is the portable generator that delivers the powerful X-ray beam needed for great image quality while offering the full flexibility of use inherent to a mobile device. In addition, its innovative battery-free recharging system eliminates the burden of battery lifecycle management and costs associated with it, for even more comfort and peace of mind for the dental staff.

The CS 2300P as a replacement or in addition to your existing conventional X-ray generators, you will be the right companion for intraoral procedures.



Charged and Ready to Go:

The CS 2300P relies on a supercapacitor, not a battery, which means the system can go from completely discharged to ready to go in less than three minutes. When charged, it can produce multiple shots before being recharged in seconds on the chairside charging dock. With no need to swap out batteries, there's no variation in the quality of the X-rays beam being produced based on battery lifecycle, so that one can confidently perform intraoral exams.

Exceptional Image Quality:

Don't sacrifice image quality for convenience. The CS 2300P's parameters are similar to those of a conventional generator (70 KV; 3,5 mA) and has a shorter dispatch than less powerful handheld generators. This reduces the risk of motion during the exposure and improves sharpness. Its 0.4mm focal spot provides sharper details than even conventional generators, which typically feature a 0.7mm focal spot. The similar image quality of CS 2300P lets you confidently add capacity to the practice.

The 'P' Says it All:

Portability is key for freeing up wall space and giving teams the flexibility to move between operatories. At just 2,4 kg, the CS 2300P is lightweight and well balanced, making it easy to handle during procedures and reducing operator fatigue. Its convenient size means it can be secured and stored away anywhere to keep the operatory tidy.

Focus on Patients:

Keep patients at ease with constant contact by their side. Not only does a portable generator give you the freedom to maneuver around the patient more easily, you'll also have more control over placing the sensor before capturing the image for better image quality.

Make Your Investment Go Further:

With no need to constantly purchase new batteries or schedule regular maintenance, such as mechanical arm safety checks, the CS 2300P is a cost-effective investment that saves your practice money over time. Should the system need maintenance, it can be quickly and easily swapped out for service.

Technical Specifications

Power supply	Super Capacitor (battery free)
Voltage / Current	70 kV DC / 3.5 mA
Exposure time range	0.06 – 1.00 s
Focal spot	0.4 mm
Inherent filtration	> 1.5 mm
AI equivalent Source to skin distance	20 cm x-ray field: 60 mm round
Maximum duty cycle	1:30
Total Weight	2.39kg (5.27 lbs.)
Dimensions	W 5.5" x L 10.6" x H xx" (W 14 cm x L 27 cm x H xx cm)

