



 **SprintRay**  
3D PRINTING ECOSYSTEM

# 2025 EQUIPMENT CATALOGUE

**CAD/CAM  
DENTAL UNITS**

**IMAGING & XRAY  
BENCH TOP**

**LASERS  
INFECTION CONTROL**

# EQUIPMENT CATALOGUE



## ABOUT ALURO HEALTHCARE

Aluro Healthcare NZ, a 100% Kiwi business has been working closely with dental professionals for over 20 years, supplying best value dental products. Offering a comprehensive range of products and excellent service, we strive to help make every dental practice a success.

Our team of experts understand that purchasing dental equipment is not an easy process due to the ever-expanding array of options available, technical jargon and the information overload that can manifest confusion and decision-making difficulty. There are many aspects that need to be considered including initial planning, installation, compliance, user training, accessories and service plans. Dental equipment represents a significant financial investment and having the right equipment alongside the right equipment partner, is a critical component for every dental practice.

At Aluro Healthcare our approach is to put our dental professionals in the driver's seat and offer them the best solution that both the dental practice and patients will love. We understand dental equipment is not a one-size-fits-all solution but needs to be adapted to different tastes and varied operating environments.

We offer the dental community a wide array of world-class brands including Carestream Dental, Diplomat, Metasys and Gentilin, and make them adaptive to individual practice objectives. Our expert team from early enquiry through to purchase, installation and training will work closely with you and help find the best fit for your practice.

## OUR BRANDS





At Aluro Healthcare, we are committed to helping dental professionals like you achieve optimal efficiency and patient care.

We offer a comprehensive range of dental equipment solutions designed to meet your practice's unique needs. Our team of experienced equipment sales consultants are dedicated to assisting you in every step of your dental equipment purchase journey.

## Why choose Aluro Healthcare Equipment Consultants?

- ✓ **PERSONALISED CONSULTATIONS:** Our consultants will work closely with you to understand your needs and goals.
- ✓ **CUTTING-EDGE TECHNOLOGY:** We source the latest dental technology from renowned manufacturers, ensuring you have access to the most advanced tools.
- ✓ **COMPREHENSIVE SOLUTIONS:** From chairside units to 3D printers, we offer a wide range of products to streamline your workflow.
- ✓ **EXCEPTIONAL CUSTOMER SERVICE:** Our dedicated team is committed to providing outstanding support, from initial consultation to post-purchase service.
- ✓ **EFFICIENT INSTALLATION AND TRAINING:** Our team ensures smooth installation and provides comprehensive training to maximize the efficiency of your new equipment.
- ✓ **ONGOING SUPPORT AND MAINTENANCE:** We're here to support you long after the sale, offering maintenance services and troubleshooting assistance.
- ✓ **COMPETITIVE PRICING:** We strive to provide competitive pricing without compromising on quality.

# CS 1200

## INTRAORAL CAMERA

*Superior image quality at  
an affordable price*

## FEATURES & BENEFITS

- High image resolution (1024 x 768)
- Enhanced patient communication
- Easy to share supporting both PC and analog display, the cameras' direct connections ensure fast and easy sharing between operatories
- Lightweight and compact, the CS 1200 fits easily in hands of all sizes and minimizes operator fatigue
- The rounded head and tapered shape of the camera ensure patient comfort
- Six LED illumination system automatically adjusts to ensure perfectly lit images in any lighting condition
- Stores up to 300 images within the camera itself, eliminating the need for memory cards or multiple computers.

### Technical specifications

Sensor	Micron 1/2.5 CMOS
Video resolution	640 (H) x 480 (V)
Image resolution	1024 (H) x 768 (V)
Focus range	3 mm – 25 mm
Angle of view	90°
Field of view	80°
Focus	Fixed Focus
Light source	6 White LED array
Video output	PC, Video & analog*
Connection	USB 2.0



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# CS 1500

## INTRAORAL CAMERA

*The ideal communication tool  
for any dental practitioner.*

## FEATURES & BENEFITS

*Get the visual evidence you need to educate patients and make more accurate diagnoses with the CS 1500—the intraoral camera designed to deliver precise, true-to-life images with each and every shot.*

- Best-in class image quality and resolution
- Patented true autofocus technology
- White LED exposure ensures uniform and bright illumination
- Intraoral and extraoral imaging
- Compatible with computer and video screens
- Available in a wired configuration

### Technical specifications

Sensor	Micron 1/2.5 CMOS
Video resolution	640 (H) x 480 (V)
Image resolution	1024 (H) x 768 (V)
Focus range	1 mm to infinity
Angle of view	90°
Field of view	80°
Focus	Autofocus
Light source	8 White LED array
Video output	PC, Video & analog
Connection	USB 2.0



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## CS 2200

### INTRAORAL X-RAY SYSTEM

*Ensure superior digital image quality in any environment with the CS 2200 system*

### FEATURES & BENEFITS

*Designed for safety and efficiency, the intuitive unit helps you make more accurate diagnoses.*

- Maximum image quality with minimum exposure for better patient treatment thanks to its pre-programmed control unit
- Designed for safety and efficiency
- Total control on tube voltage (60 or 70 kV) for high contrasted or high latitude images depending on examination requirements
- Intuitive and easy-to-use thanks to its user interface, including a dental arch timer
- Ideal for digital sensors, analog films or phosphor plates
- High frequency for better patient safety, reduces the radiation dose compared to a standard generator
- After each exposure, the dose level is displayed for simple dose monitoring
- Multiple configurations available, a mobile or fixed column mount, as well as wall mounting option fully compatible with the Irix installed base



Wall Mount



#### Irix Mount

Complete unit with wall mount for replacing existing IRIX systems as well as a variety of other popular manufacturers' systems. Existing holes can be used for wall mounting.

#### Technical specifications

Power supply	230 – 240 V
X-ray generator	Very high frequency – DC (300 kHz)
Tube voltage	60 kV, 70 kV
Tube current	7 mA
Tube focal spot	0.7 mm IEC
Focal spot/skin distance	200 mm

# RVG 5200

## DIGITAL RADIOGRAPHY SYSTEM

*Intuitive intraoral imaging at an affordable price.*

## FEATURES & BENEFITS

- An ideal solution for basic intraoral imaging needs
- Exceptional images quickly and easily
- Advanced image processing tools
- 16 lp/mm **true image resolution\***
- Affordable entry point into digital intraoral imaging
- Better diagnostic and improved workflow with CS Adapt



### Technical specifications

Sensor size 1



Sensor size 2



True image resolution*	16 lp/mm	16 lp/mm
Pixel size	19 µm	19 µm
External dimensions	27.6 x 37.7 mm	32.2 x 44.2 mm
Dimensions of active area	22.2 x 29.6 mm	26.6 x 35.5 mm
Number of pixels	1.82 million	2.63 million
Sensor plate thickness	7.3 mm	7.3 mm
Purpose	All-purpose sensor	Bitewing examinations
Sensor	CMOS with optical fiber technology	
Connection	USB 2.0	

**\*Did you know?** Theoretical resolution is a calculation of what the sensor is capable of in an ideal world, based solely upon the number of pixels and pixel size of the CMOS sensor. In contrast, **true resolution** adds in the components of the finished product, including sealants, shock layers, scintillators, and protective housing, as well as detector noise and scanner vibrations, to determine the measured resolution in lp/mm.

# RVG 6200

## DIGITAL RADIOGRAPHY SYSTEM

*Maximum diagnostic precision and  
film-quality digital images.  
Perfect for any dental application.*

## FEATURES & BENEFITS

- 24 lp/mm **true image resolution\*** promotes maximum diagnostic precision
- Customized image contrast according to diagnostic need
- Ergonomically optimized rear entry cable attachment facilitates comfortable positioning
- Sensor cable is 20% thinner and more flexible than previous models of RVG sensors
- Workflow is reduced by two steps and is optimized to the extreme: Position. Expose. View.
- Better diagnostic and improved workflow with CS Adapt



### Technical specifications

#### Sensor size 1



#### Sensor size 2



True image resolution*	> 24 lp/mm	> 24 lp/mm
Pixel size	19 µm	19 µm
External dimensions	27.6 x 37.7 mm	32.2 x 44.2 mm
Dimensions of active area	22.2 x 29.6 mm	26.6 x 35.5 mm
Number of pixels	1.82 million	2.63 million
Sensor plate thickness	7.3 mm	7.3 mm
Purpose	All-purpose sensor	Bitewing examinations
Sensor	CMOS with optical fiber technology	
Connection	USB 2.0	

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## COMPARATIVE MATRIX FOR **RVG RANGE**

Features	RVG 5200	RVG 6200
<b>Topline Advantages</b>	<ul style="list-style-type: none"> <li>• 16 lp/mm true resolution</li> <li>• Intuitive and easy to install and use</li> <li>• Affordable entry point into digital imaging</li> </ul>	<ul style="list-style-type: none"> <li>• 24 lp/mm true resolution</li> <li>• Exceptional image quality</li> <li>• Superior ergonomics</li> </ul>
Size 1 and 2 sensors	✓	✓
Automatic FMS	✓	✓
Waterproof	✓	✓
Specialized positioners	✓	✓
Shock resistant	✓	✓
Optimal patient comfort	✓	✓
Instant image acquisition	✓	✓
High resolution	✓	✓
USB Connectivity	✓	✓
Advanced image enhancement	✓	✓
TWAIN compatible	✓	✓
Film-quality resolution		✓

Use the Comparative Matrix below to select the best sensor model and sensor size based on the practitioner's specialty or intended use.

	Size 1		Size 2	
Systems	RVG 5200	RVG 6200	RVG 5200	RVG 6200
General diagnostics	●●	●●●	●●	●●●
Caries detection	●●	●●●	●●	●●●
Endodontics	●	●●●	●	●●●
Implantology	●●	●●●	●●	●●●
Pedodontics	●	●●		
Periodontics	●●	●●●	●●	●●●

● Good ●● Better ●●● Best

Please note bullets are simply a recommendation based on feedback from our thought leaders and users.

One bullet indicates it meets the basic requirements for the application.

Three bullets indicates it is the best choice.

# CS 7200NEO

## INTRAORAL IMAGING PLATE SYSTEM

*A digital system as easy as film*

## FEATURES & BENEFITS

*The everyday digital system that's as easy as film. With its slim, compact design, the CS 7200 is the perfect chairside system for routine intraoral exams and an easy, affordable digital solution for your practice*

- **19 lp/mm true image resolution\***
- Covers most intraoral indications including periapical, bitewing and pediatric exams
- Space-saving design and quiet scanning
- Simple workflow
- Thin, flexible plates
- Scan & Go Technology



### Technical specifications

Imaging plate scanning resolution	Super high resolution	19 lp/mm
	High resolution	14 lp/mm
	High speed	8 lp/mm
Plate Sizes	Size 0 – 22 mm x 35 mm	
	Size 1 – 24 mm x 40 mm	
	Size 2 – 31 mm x 41 mm	
Power supply	100-240 V (ac), 50/60 Hz, 1.2 A	
Connectivity	USB + Ethernet	
System dimensions	270 (H) x 130 (W) x 300 (D) mm	
Weight	3.5 kg	

**\*Did you know?** Theoretical resolution is a calculation of what the sensor is capable of in an ideal world, based solely upon the number of pixels and pixel size of the CMOS sensor. In contrast, **true resolution** adds in the components of the finished product, including sealants, shock layers, scintillators, and protective housing, as well as detector noise and scanner vibrations, to determine the measured resolution in lp/mm.

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## CS 7600

### INTRAORAL IMAGING PLATE SYSTEM

*Makes the move to digital imaging  
simple and affordable*

### FEATURES & BENEFITS

*The first imaging plate system to feature a fully automated and secure workflow designed to improve productivity and user experience by allowing multiple operators to use the system on multiple patients at the same time, with no waiting required and no risk of errors.*

- **True image resolution\*** (up to 25 lp/mm) with a wide exposure range
- First image viewable in as few as 5 seconds.
- Can be used by multiple users at the same time
- Built-in memory eliminates the risk of lost images and allows users to scan plates during network failure
- **Scan & Go technology**
  - Fully secure and automated workflow, avoiding plate mix-up, confusion, and mistakes
  - Secured multi-patients and multi-users management at the same time
  - Bulk scanning reduces operating time



#### Technical specifications

Imaging plate scanning resolution	Super high resolution	25 lp/mm
	High resolution	14 lp/mm
	High speed	8 lp/mm
Plate Sizes	Size 0 – 22 mm x 35 mm	
	Size 1 – 24 mm x 40 mm	
	Size 2 – 31 mm x 41 mm	
	Size 3 – 27 mm x 54 mm	
	Size 4 – 57 mm x 76 mm	
Power supply	100-240 V (ac), 50/60 Hz, 1.5 A	
Display	7.5 cm (3.5") color LCD display	
Unit dimensions (without bracket)	266 (H) x 237 (W) x 259 (D) mm	
Weight	6 kg	

**\*Did you know?** Theoretical resolution is a calculation of what the sensor is capable of in an ideal world, based solely upon the number of pixels and pixel size of the CMOS sensor. In contrast, **true resolution** adds in the components of the finished product, including sealants, shock layers, scintillators, and protective housing, as well as detector noise and scanner vibrations, to determine the measured resolution in lp/mm.

## CS 9600

### DIGITAL IMAGING SYSTEM

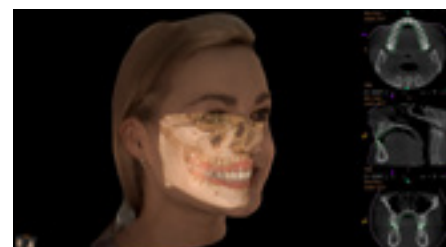
*Driving precision through innovation and designed for first-time-right imaging*

### INNOVATION DRIVES PRECISION

As the most advanced CBCT unit in its category, the CS 9600 features multiple advances that enable you and your staff to achieve high-quality, reproducible images with minimal experience using the system. Its intuitive workflow and cutting-edge technologies bring a new level of automation and simplicity to dental and maxillofacial imaging.

The groundbreaking CS 9600 enables new levels of image quality, usability and, ultimately, precise diagnostic capabilities. The system features intelligent innovations and automated workflow technologies to ensure reliable patient positioning and reproducible image quality—independent of operator skills. And for a future beyond today, the system can grow with your practice thanks to upgradeable fields of view, versatile imaging options and added-value software.

- **Volume size 4x4 - 16x17**
- **Revolutionary easy-to-use positioning system**
- **User-friendly intuitive smartpad**
- **Software to help you choose the right options for your patients**



# CS 8200 3D ADVANCE

## DIGITAL IMAGING SYSTEM

*The CBCT system with unparalleled versatility that unlocks all the possibilities for your practice.*

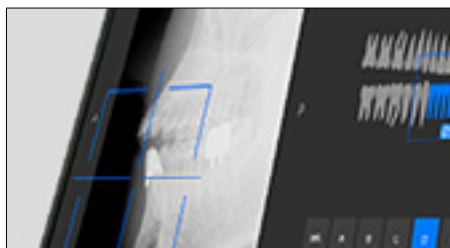
## ENHANCE YOUR TREATMENT OPTIONS WITH EXTENDED FOV

### BENEFITS

- High precision with 75-micron resolution
- Broad diagnostic capabilities through extended field of view (FOV) options: 8×9 cm (standard), 12×10 cm, and 16×10 cm – all upgradeable without changing hardware
- Award-winning, user-friendly design for easy operation

### AI-POWERED SOFTWARE STREAMLINING WORKFLOWS WITH FEATURES LIKE:

- Automated panoramic curves and nerve canal mapping
- CBCT and intraoral scan alignment
- Virtual crown design and implant planning
- Fast cephalometric image capture (3 seconds) and auto-tracing (10 seconds) with optional Scan Ceph module
- Scalable and future-ready, ideal for expanding treatment options and enhancing efficiency



Volume size range: 4×4 cm to 16×17 cm.

Note: Some AI features available from Q3 2025.\*\*\*Option



# CS 8200 3D ACCESS

## DIGITAL IMAGING SYSTEM

*Combining precision, safety, and ease of use to elevate your in-office diagnostics*

## ADVANCED YET ACCESSIBLE TECHNOLOGY

Start your digital journey with the CS 8200 3D Access, an easy-to-use CBCT imaging system designed to enhance diagnosis, improve patient care, and support practice growth.

### KEY FEATURES

- Versatile 4-in-1 system with up to six selectable fields of view (4×4 cm to 10×10 cm), ideal for a wide range of clinical needs—including full arch scans.
- Ultra-high resolution (75 microns) for visualizing fine details, ideal for endodontics.
- CS MAR technology reduces metal artifacts with real-time comparison, helping to avoid misdiagnosis.
- Low-dose imaging provides clear 3D images with radiation levels equal to or lower than standard panoramic exams.
- Smart, user-friendly design with a modern interface and intuitive, face-to-face patient positioning.
- Exceptional 2D imaging (panoramic, cephalometric, and bitewing) powered by Tomosharp and advanced processing.
- Expandable with software add-ons, allowing practices to grow capabilities over time.



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# CBCT

## IMPRESSION SCANNING

*Accurate 3D models plus broad diagnostic capabilities*

## FEATURES & BENEFITS

*Add digital impressions to the list of applications for Carestream Dental CBCT systems. Using the CS 9600, CS 8100 3D, you can scan traditional impressions to create high precision 3D models quickly and easily. We provide a smooth transition to digital, with a familiar impression workflow and a high degree of accuracy.*

- Precise scanning, even for hard-to-reach areas, for superior clinical results
- Digital impressions with an average resolution of 30 um
- Works with any A-silicon impression material
- Covers single tooth indications (full crown, inlay, onlay)
- Intuitive interface and dedicated platform for fast and precise scanning
- Open STL format fits any workflow



### Three simple steps to a 3D model



**1** Take impression and bite using silicon material



**2** Scan the impression using the CS 9600 or CS 8100 3D



**3** The scans are automatically converted in a 3D model

**An upgrade kit is required for 3D units produced prior to 2011.**

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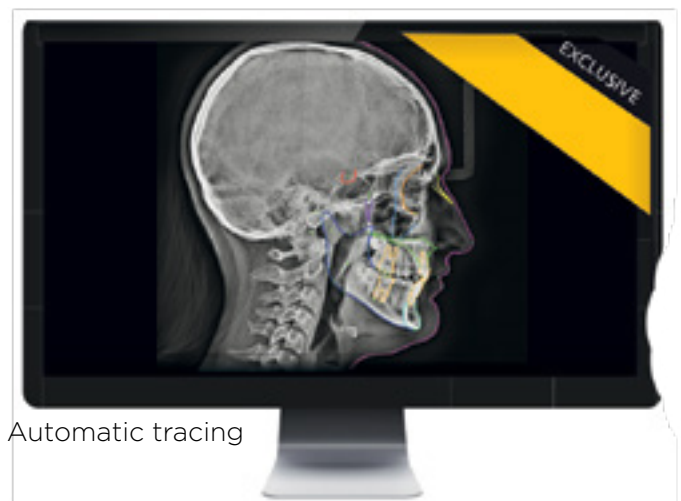
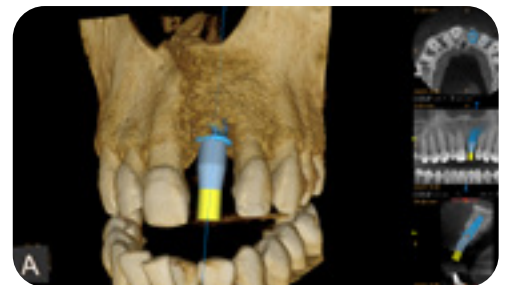
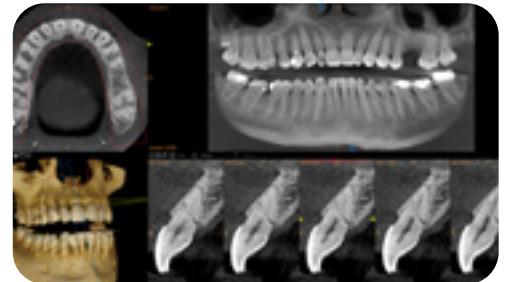
## CS SCAN CEPH ADVANCED 3D IMAGING

ADDITION TO ANY CS MODEL



### FEATURES & BENEFITS

- **ULTRAFAST IMAGING:** Captures full scans in as little as 3 seconds, reducing motion blur and enhancing clarity.
- **AUTOMATED TRACINGS:** Generates full cephalometric tracings in ~10 seconds, saving valuable clinical time.
- **MULTI-SYSTEM COMPATIBILITY:** Works with CS 8200 3D, CS 9600, CS 8100SC, and CS 8100 3D via upgrade kit.
- **FLEXIBLE FIELD OF VIEW OPTIONS:** 18 × 24 cm, 26 × 24 cm to accommodate different patient needs and diagnostic requirements
- **LOW-DOSE IMAGING:** Fast scan times reduce radiation exposure while maintaining high diagnostic quality.
- **SEAMLESS INTEGRATION:** Works with CS Imaging software and supports DICOM for a smooth digital workflow.
- **SPACE-SAVING DESIGN:** Compact, sensor-enabled units require no part swapping and fit easily into dental offices.
- **IMPROVED EFFICIENCY:** Cuts analysis time by about 9 minutes per case, allowing more focus on patients.



**CS 8100SC**



**CS 8200 3D ACCESS  
CS 8200 3D ADVANCE**

## CS 8100 ACCESS

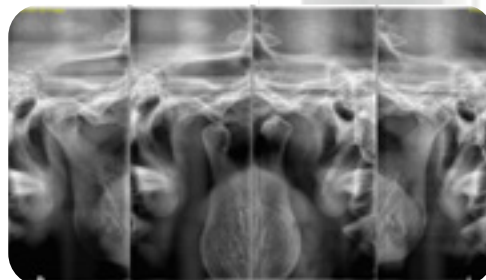
### EXTRAORAL IMAGING SYSTEM

*Everything that you need to capture high-quality, images in seconds*

### FEATURES & BENEFITS

*The sleek and simple panoramic unit that's ideal for everyday use. Blending advanced technologies in an ultra-compact design, the system provides everything you need to capture high-quality, crystal-clear images in seconds.*

- Compact, slim unit - perfect for tight spaces
- Acquire images in 10 seconds; then access them instantly
- Versatile imaging programs cover all your daily panoramic needs
- Convenient and practical face-to-face patient positioning
- Use artifact-free image filters to adjust contrast and sharpness with one click
- Even sharper 2D images with Tomosharp
- Includes our user-friendly and powerful CS Imaging Version 8 Software
- Better diagnostics and improved workflow with CS Adapt



**reddot design award**  
winner

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# CS 8100 FAMILY

## Technical specifications

### 3D Modality

Sensor	CMOS
Scan mode	Continuous and pulse
Exposure time	7 to 15 seconds
Field Of View (cm)	4 x 4 / 5 x 5 / 8 x 5 / 8 x 8 / 8 x 9
Voxel size (µm)	75µm minimum
Reconstruction time	Less than 2 minutes

### Cephalometric Modality

Technology	Scan
Sensor	CMOS
Gray scale	16384 – 14 bits
Image field	6.4 x 263.3 mm
Magnification	1.13 (± 10%)
Exposure time	3 to 10 seconds
Radiological exam options	Lateral, frontal AP or PA, oblique, submento-vertex, carpus (optional)
Cephalometric formats	26 x 24 cm, 18 x 24 cm and 18 x 18 cm
Minimum required space	1842 (L) x 1133 (D) x 1596 (min H) mm
Weight	107 kg

### Panoramic Modality

Sensor	CMOS
Gray scale	4096 - 12 bits
Sensor matrix	64 x 1312 pixels
Magnification	1.2 (± 10%)
Exposure time	2 to 12.5 seconds
Exposure mode	4 patient sizes (child, small, medium, large)
Radiological exam options	Full panoramic, segmented panoramic, maxillary sinus, LA TMJ x 2, LA TMJ x 4, 2D+

### X-Ray Generator and other specifications

Tube voltage	60 - 90 kV
Tube current	2 - 15 mA
Frequency	140 kHz
Tube focal spot	0.5 mm (IEC 60336)
Total filtration	> 2.5 mm eq. Al
Unit dimensions	330 (L) x 894 (D) x 1596 (H) mm
Weight	72 kg



## CS Imaging Software

### CS IMAGING VERSION 8

*Discover a new generation of dental imaging software with CS Imaging version 8—the platform that provides one-stop access to all your 2D images, 3D images and CAD/CAM data—to manage your digital workflow more effectively.*



## FEATURES & BENEFITS

### All Images at Your Fingertips

Obtain an instant overview of patient history with the Dashboard image gallery and find and share images with no need to open the review workspace.

### Single Imaging Platform

Whether it is for capturing data, reviewing or managing patient images, CS Imaging Version 8 connects all Carestream Dental technologies into one single platform – the first step to an effective digital workflow.

### Seamless 2D/3D Imaging

Display any 2D images, 3D images and CAD/CAM data simultaneously without switching between programs.

### Comprehensive Case Review

Review 3D images side by side, including implant planning, to facilitate pre- and post-op image comparison.

### Well-Organised Workspace

Save time and clicks by using the auto-arrange function to organise images on the screen, eliminating the need to manually resize or move images.

### Time Saving Tools

Simplify routine tasks and maximise your efficiency with features like simultaneous enhancement on multiple images or image drag and drop for faster sharing.



### Exclusive Darkroom Mode

Improve image review and case presentation using the Darkroom mode that displays images on a single, uncluttered full screen.

### Seamless Integration

CS Imaging integrates with most practice management software and enables images to be easily imported and exported in industry-standard formats, including JPEG, DICOM and STL to facilitate data sharing.

### Dicom Interoperability

CS DICOM module enables optimal integration in medical imaging environments.

### CS 3D Imaging Software NEW AI Powered Features

**AI Panoramic Curve Mapping:** Automatically maps the ideal dental arch(es), including both upper and lower arches for dual-arch scans, with easy manual adjustments.

**AI Mandibular Nerve Mapping:** Detects and traces the mandibular nerve canal with a single click; users can fine-tune as needed.

*Note: Requires a CBCT field of view of at least 8 cm; smaller scans must be mapped manually.*



# CS Adapt

## DENTAL IMAGING SOFTWARE



*Upgrade to more individualised diagnostics Imaging that works the way you do*

You don't work in exactly the same way as other dentists, so why should your extraoral imaging system give you the exact same images it gives everyone else? With the CS Adapt image processing module, it doesn't anymore. This major upgrade to Carestream Dental Imaging Software lets you decide how you want your images to appear, by choosing from up to six different look & feel options for your panoramic and cephalometric images. In addition to letting you choose the look & feel of your images, the CS Adapt upgrade features state-of-the-art rendering algorithms that dramatically improve image quality across the Carestream Dental range. So whether you're working with 2D panoramic or cephalometric images, CS Adapt will let you work with greater confidence and less risk of misdiagnosis.

## FEATURES & BENEFITS

### Diagnose faster and more accurately

- Match look & feel to your diagnostic needs
- One-touch filter switching
- Get the image you need more quickly

### Work the way you want to

- Choose from up to six look & feel options
- Create your own filter settings
- Intuitive software and real-time filtering

### Always count on the same experience

- Delivers the same great results across devices
- Same quality for panoramic & cephalometric images
- Works with CS 8100, CS 8100 3D, CS 9000 Family & CS 9300 Family

### Reduce the risk of misdiagnosis

- See clinical details better
- Improve certainty by comparing views
- No artifacts to cloud the picture



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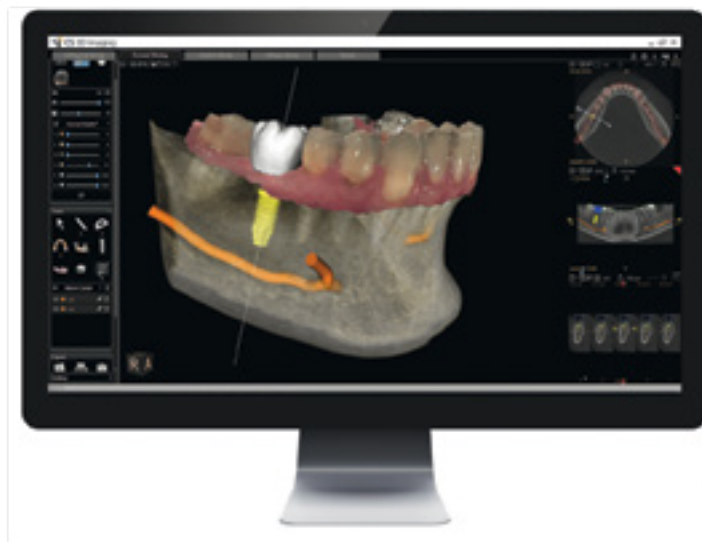
# Prosthetic-Driven Implant Planning

*Designed to make implant placement simple*

## FEATURES & BENEFITS

*Prosthetic-Driven Implant Planning with CS 3D Imaging is designed to make implant placement simple - delivering optimal results to ensure confidence and improve predictability of treatment outcomes.*

- Ability to visualize placement of an implant in relation to bone and restoration
- Digital Workflow improves efficiency, safety and communication
- Implant positioning based on ideal future restoration, not the other way around
- Ensures patients' prosthetic needs, functional requirements and anatomical constraints are considered during implant planning



### Discover a simpler workflow:

#### Scan Patient



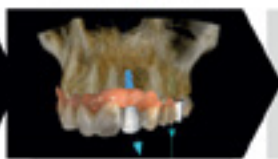
Take 3D x-ray and digital impression to capture both bone structures and soft tissue situations

#### Merge Data



Automatically combine digital impression and CBCT scan in CS 3D Imaging

#### Plan Implant



Add crown and plan implant position, taking into account final restoration and anatomy

#### Export Data



Export 3D data into third-party software

#### Create Guide



Use your preferred third-party software to produce surgical guide

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## AS200E DIGITAL INTRAORAL SCANNER

Allied Star's Flagship Digital Scanner



### An ergonomic wireless experience, without compromise

The AS 200E Alliedstar Intraoral Scanner is a wireless, handheld scanner that provides dentists with a fast, accurate, and easy-to-use way to capture digital impressions of patients' teeth. The scanner features a pen-like design that fits comfortably in the hand and allows for precise control over the scanning process. It also has a built-in camera that captures high-resolution images of the teeth, which can be used to create detailed 3D models.

The AS 200E integrates with AS Connect Plus software, streamlining data transfer and case management with cloud syncing and real-time collaboration tools. The scanner is also compatible with a suite of mobile and desktop apps that enhance diagnostics, patient engagement, and workflow efficiency. It supports popular CAD/CAM systems and works with accessories like a bite registration stylus and wireless printer.

If you're seeking a next-gen scanner, the AS 200E delivers precision, speed, and seamless digital integration.



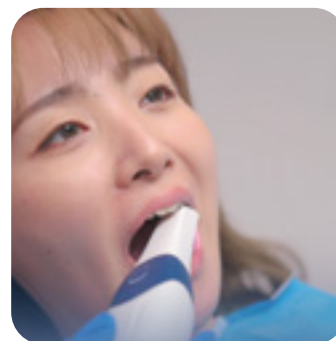
Up to 2 Hours Continuous Scanning



Enhanced Visual Patient Communication



Open 3D Format Output



20 Second Full Arch Scanning



# DIGITAL INTRAORAL SCANNER



## AS 260 DIGITAL INTRAORAL SCANNER

Accuracy From New Heights



### Lightweight and sleek design with advanced performance.

The AS 260 intraoral scanner from Alliedstar offers advanced performance through cutting-edge technology and thoughtful design:

#### PERFORMANCE & ACCURACY

20µm full-arch accuracy for precise digital impressions

18mm depth of field for capturing deep anatomical structures

Improved data integrity with an upgraded hardware platform and exclusive algorithms for sharper, more accurate scans

#### DESIGN & USABILITY

Lightweight (175g) and sleek design enhances comfort and handling

Detachable cable allows for quick replacement without disassembly, reducing downtime

Shock-resistant, with no need for calibration or powder

Dual scan buttons, remote control, and two tip sizes for flexible, user-friendly operation

#### FUTURE-READY ARCHITECTURE

Built with a future-proof optical structure and Front-end Image Processing Algorithms to deliver enhanced detail and soft tissue removal over time

#### INTEGRATED WORKFLOW

AS Connect software completes the digital workflow with seamless integration and efficiency

In short: The AS 260 delivers high-precision scanning, user comfort, and long-term value—making it a smart investment for modern digital dentistry.





## PRO S DENTAL 3D PRINTERS



### PRO 55S

The Pro 55S is a high-resolution dental 3D printer that offers incredible accuracy and surface quality. It is ideal for printing crowns, applications for metal casting, hybrid dentures, and die models. The Pro 55S has a print volume of 7.1" x 4" x 8" and can print at resolutions of 55 microns, 100 microns, and 170 microns. It also features a number of advanced features, such as Pixel Toning and Ludicrous Speed, that allow it to produce high-quality prints quickly and efficiently.



### PRO 95S

The Pro95S is a high-throughput dental 3D printer that is ideal for busy offices. It has a print volume of 7.1" x 4" x 8" and can print at resolutions of 95 microns, 100 microns, and 170 microns. The Pro95S also features a number of advanced features, such as Pixel Toning and Ludicrous Speed, that allow it to produce high-quality prints quickly and efficiently.

*Both the Pro 55S and Pro95S are easy to use and maintain. They are also compatible with a wide range of SprintRay resins, making them versatile and adaptable to a variety of dental applications.*



Surgical Guides



Occlusal Guards



Implant Dentures



Gingiva Masks



Dental Models



Try-in Dentures



Die Models



Denture Bases



Temporary Shells



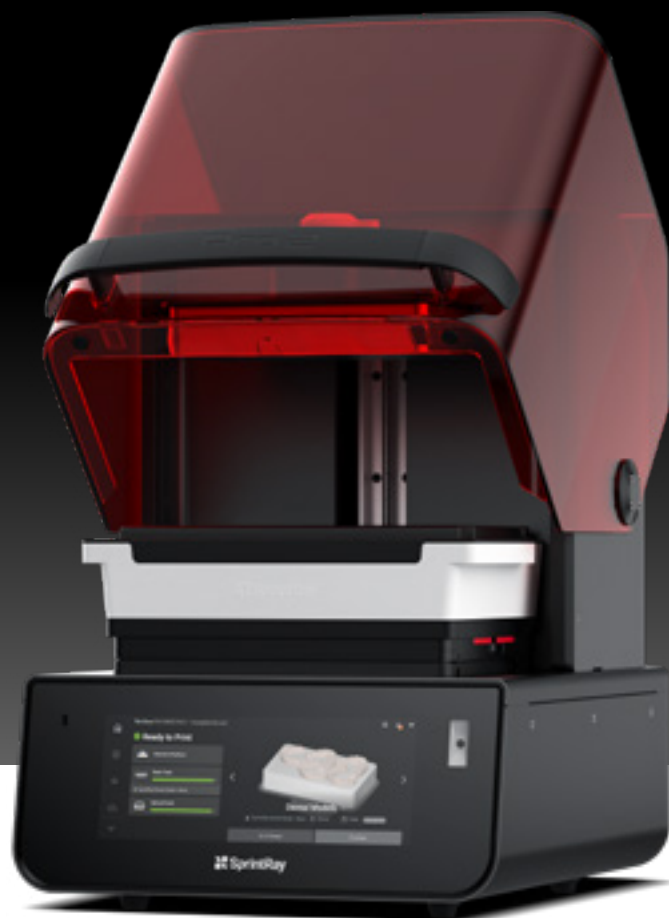
Indirect Bonding Trays



## PRO 2

Pro 2 is a next-generation dental 3D printer that delivers unprecedented accuracy and throughput. With patent-pending Optical Panel technology and 385 nm UV-A light, Pro 2 is the most advanced 3D printer we've ever built.

SprintRay Pro 2 is redesigned to be the most accurate 3D printer on the market. From refactored resin profiles to the patent-pending Optical Panel, every decision we make is to improve your outcomes across the 15+ indications our devices serve. With Pro 2, nothing has been left to chance.



### 3X PRECISION

Patent-pending 35  $\mu$ m Optical Panel technology combined with 385 nm light engine puts Pro 2 at the forefront of 3D printing accuracy.

### 4X THROUGHPUT

Pro 2 can 3D print 6+ full arch dental models in a single job or use the Arch Kit to print up to 2x faster. Now you're in control of your production workflow.

### 15+ SUPPORTED WORKFLOWS

Pro 2 is the ultimate practice supercharger, supporting workflows across myriad specialties - from clear aligner production to hyper-precise hybrid dentures.



## MIDAS

The ultimate 3D printer for fabricating chairside restorations.

It uses patent-pending Digital Press Stereolithography (DPS) to overcome the challenges of printing highly-filled viscous materials, allowing it to print 3 crowns, 6 inlays, or 9 veneers in less than 10 minutes.



MIDAS ECOSYSTEM

Instead of using a separate build platform, resin tank, and resin bottle, Midas uses an all-in-one, single-use Resin Capsule that contains everything needed to print a restoration.

Patented DPS technology and resin capsules supercharge a simplified workflow

Print crowns, veneers, inlays, and onlays in less than 10 minutes  
Design restorations chairside with SprintRay AI Studio





## Post-Processing Solutions for Dental Professionals

Streamline and elevate your digital dentistry workflow with SprintRay's advanced post-processing systems. From fast, high-powered curing with ProCure 2, to compact precision with NanoCure, and efficient automated cleaning with Pro Wash S, this trio is designed to deliver speed, consistency, and exceptional results. Together, they provide a complete, chairside-ready solution for producing durable, high-quality dental appliances with ease.



### PRO WASH S

ProWash S is more connected and more productive. Built on the award-winning design of its predecessor to deliver a 2-stage wash and dry in just 9 minutes. ProWash S has a secondary drying fan that channels air directly into the wash chamber for improved drying performance. It is designed to be fast, reliable, and connected to bring you the best cleaning system in Dental 3D printing.



### NANOCURE

Compact and precisely engineered, this device optimises your 3D prints with preprogrammed resin profiles that deliver the ideal heat and light for top mechanical performance. Unlock next-gen printed dental appliances with fast, nitrogen-free curing, dual-wavelength LED power, and advanced material chemistry for superior strength, speed, and aesthetics.



### PRO CURE 2

ProCure 2 delivers up to 10x faster curing with 25x more light power, enabling efficient chairside 3D printing in dentistry. Appliances like night guards can be fully cured in just 3 minutes—no preheating required. Combined with a user-friendly, cloud-connected touchscreen, it streamlines the workflow and simplifies post-processing with the push of a button.

## DIPLOMAT MODEL PRO

**Love at the first seat. Turn your dentistry from ordinary to extraordinary.**

Sharp, modern look from award-winning designers. Compact dimension which easily fits in in small consulting rooms.

### FEATURES & BENEFITS

**Convertibility is the hallmark of Model PRO.**

Switch from left- to right-handed use in seconds—no tools, no extra parts. Designed for both left- and right-handed clinicians.

**Its ergonomic design supports ideal patient positioning and ease of access.**

Diplomat Model PRO impresses with advanced ergonomic features. Synchronized seat and backrest movement helps patients stay relaxed throughout treatment while ensuring optimal working posture for the clinician.

**Exceptionally stable. Effortless to adjust.**

**Incredibly practical.**

Mechanic or pneumatic version? Five or six instruments? The choice is entirely yours.





# Model One 100

## Personalise it your way

Don't even let us get started on the dozens of options you can choose from. You can customize every little detail of the dental unit to completely satisfy your needs.

Upper or lower hose delivery system, whip lock, fixed or rotary cuspidor, assistant's element with additional instrument holders, automatic hygiene system, several types of foot controllers, or easy-to-touch sensor lamps – this is only the beginning of a long list of features that will suit every dental team and their patient's preferences.

## Love at first seat

Next time your patients visit you, let them know they may as well imagine they're sitting in a limo. Why? We've teamed up with ergonomics experts from the dental industry to design this absolute masterpiece of a dental chair to reduce your clients' physical strain and make them as comfy as possible.

Clean geometry, well-designed user interface, compact size, and great ergonomics. All of these combine to make Model One not just a sight to see, but, also a great product to use.

## Timeless design

The design and materials used in Model One come from the award-winning and ergonomically oriented design of the Model Pro line meeting all conditions for comfortable work from routine treatment to operational positions with close access to the patient's head. It also reduces clients' physical strain and makes the patients feel as comfortable as possible.



Multiple preference options



Simple control panel design



Colourful Upholstery Collections

# Model One 200

**DIPLOMAT  
DENTAL  
SOLUTIONS**

## LIFT your dental success UP!

Performance, Comfort, and Style in Perfect Harmony. For dentists seeking a dental unit that seamlessly blends exceptional performance, patient comfort, and sleek aesthetics.

- **Reliable and robust:** Built with premium materials and drawing inspiration from the renowned Diplomat Model Pro series, the Model One 200 is engineered for long-lasting performance and unwavering reliability.
- **Precision engineering:** Experience smooth operation and effortless control with the Model One 200's advanced mechanics and electronics.
- **Suspended patient chair:** The Model One 200's lift version features a suspended chair that cradles your patients in utmost comfort and allows for easy positioning and access.
- **Quiet operation:** Ensure a peaceful treatment environment with the Model One 200's whisper-quiet operation.
- **Compact footprint:** The Model One 200's space-saving design makes it ideal for both spacious and compact treatment rooms.



**Huge Colour Selection**



**Multiple preference options**

## Model One Ortho

**DIPLOMAT**  
DENTAL  
SOLUTIONS

Finally, a treatment unit purpose-built for the specific demands of orthodontic practice.

Compact, streamlined unit designed for efficiency and precision in modern orthodontic workflows. Its clean, modular layout supports fast, seamless treatments without unnecessary complexity.

### FOCUSED DESIGN. OPTIMIZED WORKFLOW.

With an intuitive interface and arm-mounted tray system, everything practitioners need is within reach—streamlining workflow without visual clutter. The unit's sleek design fits seamlessly into any modern treatment space.

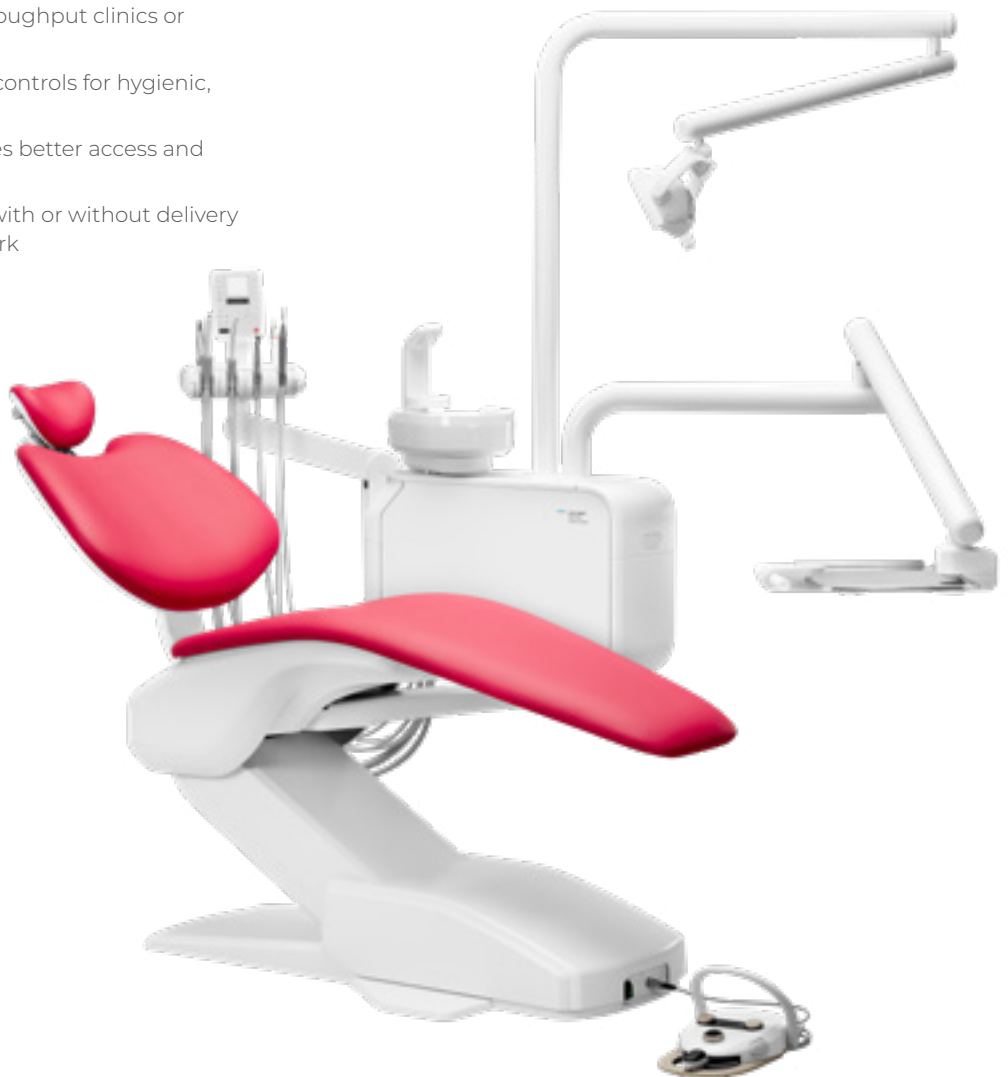
### WHY ORTHODONTISTS LOVE IT

- Streamlined functionality tailored specifically to orthodontic procedures
- Compact footprint ideal for high-throughput clinics or smaller rooms
- Easy-to-clean surfaces and intuitive controls for hygienic, fast-paced environments
- Slim, anatomical chair design ensures better access and comfort during long appointments
- Modular build allows configuration with or without delivery system — flexible for your style of work
- 

### DESIGNED TO FIT – AND TO LAST

Just like every product from Diplomat Dental, the Model One 100 Ortho is engineered for durability, ease of use, and long-term value. Whether you're building a new orthodontic clinic or upgrading an existing one, this model offers a smart investment in daily comfort and precision.

Its sleek, understated aesthetic also reflects the evolving face of orthodontics — one that values simplicity, smart workflows, and a clean, patient-friendly environment.



## The Rise of Stand-Alone Chairs

### A modern solution for evolving dental practices.

Dental practices are moving away from traditional all-in-one units toward stand-alone chairs, a more modern and flexible solution. Already popular in the U.S. and gaining global traction, these chairs offer major benefits in hygiene, efficiency, and versatility—especially important in a post-Covid world.

#### WHY STAND-ALONE CHAIRS?

Stand-alone dental chairs offer improved hygiene by removing spittoons and water units, reducing contamination risks and meeting modern health standards. Their flexible design allows independent placement of lights, suction, and instruments, making them ideal for multi-use rooms and a wide range of treatments—from hygiene and scanning to aesthetic medicine.

They maximise space and profitability by freeing up traditional units and enabling additional treatment stations. As non-invasive aesthetic procedures grow in dentistry, stand-alone chairs provide clean, ergonomic setups without disrupting core dental workflows.

***Tecnodent, a leader in this innovation, offers symmetrical, compact stand-alone chairs crafted in Italy, combining over 55 years of expertise with modern design, performance, and versatility.***

**TECNO<sup>+</sup>DENT**  
INNOVATIVE MEDICAL SOLUTIONS



### ► LINDA NEXT

Strong and flexible, ergonomic and functional, with a lifting capacity up to 300kg. Wide range of accessories and options to keep up with the most modern and ambitious professional's needs.

- Backrest movement synchronised with legrest.
- Automatic extension of PU foot section.
- Maximum lifting capacity 300kg.
- Slow mode feature for precise movements.
- Optional rotating base available.



### ► LINDA EVO

This chair was created with electromechanical seat lifting/lowering & backrest tilting movements, compensated backrest tilting, down to horizontal position & synchronized knee break, to perfectly satisfy all dental professionals.

- Electromechanical movements.
- Complete symmetry for left & right handed operators.
- Back rest-leg rest synchronism.
- Minimum height 50cm for easy access.
- Rotating base.

## TECNODENT Ergonomic Innovation

Specialised in developing top-class high-customised treatment chairs.

**TECNODENT**  
INNOVATIVE MEDICAL SOLUTIONS



What makes Tecnodent treatment chairs unique?

**INNOVATION.** Investment in research, design & manufacturing technologies to create innovative solutions that are both functional & attractive.

**ERGONOMICS.** Dedicated specialists that ensure the products complement the human body & its cognitive abilities.

**DESIGN & CHROMOTHERAPY.** Creating unique product combinations; elegant shapes, innovative materials & exciting colours.

**HYGIENE.** Seamless moulded upholsteries using antifungal & antimicrobial fabric.

**TECHNOLOGY AND QUALITY CONTROL.** Every single product undergoes strict quality inspection from assembly to packing.

**PRODUCT CUSTOMISATION.** Offering customised solutions to meet customer needs.

**PASSION.** Enthusiasm & care is reflected on the finished product.

**FOCUS ON DETAILS.** Perfect combination between strong know-how, hand-craftmanship, refined materials & futuristic design.

## LINDA NEXT AES

Fully customisable chair that blends modern design, ergonomics, and technology. Suitable for both basic exams and complex treatments, it supports up to 300 kg to accommodate diverse clinical needs.

- Ambidextrous design
- Electromechanical lifting with synchronized backrest and leg movements
- Trendelenburg function and automatic patient positioning presets
- Programmable operator profiles with precision SLOW MODE
- Built-in safety stops and intuitive joystick control





## High-Performance, Innovative, Oil-Free Dental Compressors



*Offering the benchmark of excellence in compressed air systems, made in Italy. Gentilin air compressors possess features that are mechanically unique, putting them in a class of efficiency, longevity and unrivalled results.*

### OIL Free

Gentilin air compressors are oil-free and exclusively developed to be used in professional applications including dental, medical and healthcare.

### ULTRA Quiet

Gentilin CLINIC AIR compressors have been developed with sound dampening systems, offering an ultra-quiet operation. For almost sound-free operation, silencing cabinets are an available option.

### HIGH Performance

The patented innovative AXXER technology in the Gentilin compressors provides superior air delivery, constant pressure and a reliable system that is suitable for extensive use at high duty cycles.

## SMART SERIES

### Smart 1.25 Models

#### 1 CHAIR

- Medium-duty work
- Quiet, smooth running
- Absorption dryer
- Epoxy coated tank

### Smart 3.25 Models

#### UP TO 2 CHAIRS

- Heavy-duty work
- 100% duty cycle
- Quiet, smooth running
- Absorption dryer
- Epoxy coated tank



SMART 3.25 Model

## CLINIC SERIES

### Clinic 3.40 Models

#### UP TO 2 CHAIRS

- Heavy-duty work
- 100% duty cycle
- Ultra quiet running
- Membrane dryer
- Stainless steel tank

### Clinic 6.90 Models

#### UP TO 5 CHAIRS

- Heavy-duty work
- 100% duty cycle
- Ultra quiet running
- Membrane dryer
- Stainless steel tank



CLINIC 6.90 Model

## AXXER MOTION

### What is AXXER Motion?

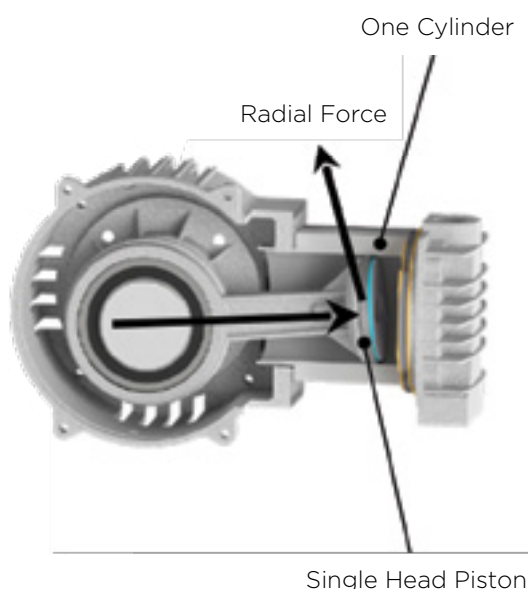
AXXER MOTION is a patented reciprocating mechanism engineered in Italy by GENTILIN. It is an integral part of oil-free pumps used in GENTILIN compressors, OEM applications, and licensed products.

The AXXER MOTION mechanism is uniquely different from the traditional compression movement. The piston is comparatively longer, it has two heads, and it slides along two cylinders. The results are unrivaled.

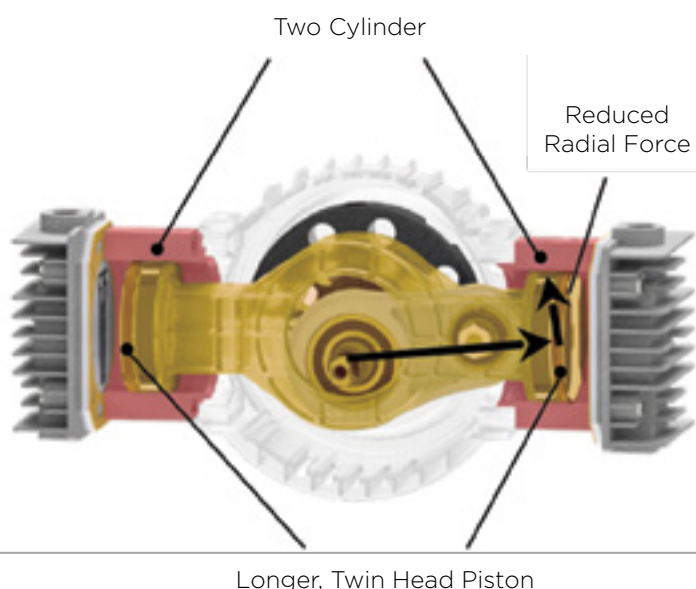
### Advantages

- Constant pressure and superior air delivery.
- Low wear-and-tear and ultra quiet operation.

### TRADITIONAL COMPRESSION



### AXXER MOTION COMPRESSION



Clinic Dry 1.25 Model



Clinic Dry 3.25 Model



Clinic Dry 3.40 Model



Clinic Dry 6.90 Model

# METASYS

## Suction Systems for Every Dental Office

### SUCTION SYSTEMS THAT OFFER AN EFFICIENT SYSTEM FOR EVERY DENTAL OFFICE

Metasys suction systems have been synonymous with powerful vacuum technology in the dental field. Without them, everyday work at the dental practice would not be possible. Metasys solutions guarantee a uniformly strong suction rate even during continuous use and high material strain.

With the **EXCOM hybrid**, METASYS offers an absolute novelty: Dry and semi-wet suction technology is now combined in one device. The differentiation between dry and semi-wet suction is no longer necessary - one suction system is used for dry and/or semi-wet suction. Innovative design, powerful suction and reliable function: This characterises the central suction systems EXCOM hybrid. In combination with the METASYS ZPA parallel connection system, up to 15 treatment units can be supplied with vacuum.



Available with or without amalgam separator.

**EXCOM hybrid 1**  
FOR 1 - 2 DENTAL CHAIRS



Available with or without amalgam separator.

**EXCOM hybrid A2**  
FOR 2 - 3 DENTAL CHAIRS



Available with or without amalgam separator.

**EXCOM hybrid 5**  
FOR 3 - 5 DENTAL CHAIRS

## MINIMALLY INVASIVE SOLUTIONS



# AIR-N-GO AIR POLISHER

The Air-N-Go Easy air polisher is multi-functional, providing SUPRA and PERIO functions with one single handpiece. Air-N-Go extends the scope of air polishing in any practice with its versatility, simplicity of use and providing gentle and efficient treatments for better patient comfort.

- Advanced design handpiece with greater freedom of movement: 360° rotation, fast and accurate treatment of areas requiring care.
- Fast start-up: direct connection to the high-speed handpiece connector.
- Easy cleaning of the handpiece: main parts can be dismantled and autoclaved.
- 4 interchangeable nozzles for perfect removal of biofilm.
- Complete range of powders to provide customised solutions for all clinical needs.
- Air, powder and water combine outside the tip to reduce clogging.



# MICROETCHER IIA SANDBLASTER



An intra- and extra-oral sandblaster, this vital piece of armamentarium for every dental practice and laboratory, for a wide array of indirect procedures. When preparing a restoration for adhesion, it cleans and etches the surface using micro-mechanical abrasion which results in an improved bond strength for subsequent applications. The proprietary design incorporates a precise and ergonomic handpiece with 360-degree rotatable and interchangeable nozzles which support other indications including the application of pit-and-fissure sealants.

- Excellent surface micro-roughening for strong and reliable adhesion
- Fully rotatable and interchangeable nozzles
- Etching all metals, composites & amalgam for maximum bond strength
- Aiding in intraoral porcelain repair
- Prepping for pit & fissure restoration
- Cleaning dark grooves to reveal decay
- Prepping incipient lesions and minor Class I & V
- Debriding bur preps for best aesthetics & bonds



# PrepStart H2O

## HYDRO ABRASION SYSTEM

*A revolutionary device that automatically carries out the sterilization cycle*

## PRODUCT OVERVIEW

The Prepstart H2O offers a maximum of patient comfort with injections rarely needed. The PrepStart H2O is a great practice builder.

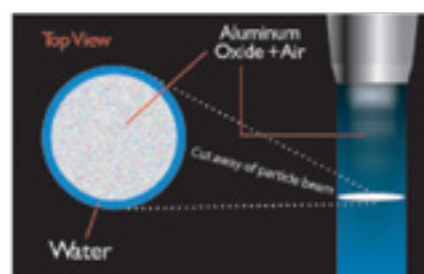
The cylinder of mist that surrounds the stream of abrasive captures virtually all of the dust. Cutting effectiveness remains optimal.

The crisp on/off control and easily set abrasive flow assures an even, precise cut. Multiple tip sizes allow rapid cutting at low pressures for maximum patient comfort. Adjustable pressure and powder flow allow settings from rapid cutting to stain removal.

- Eliminates powder dust intra-orally & extra-orally
- Warm water increases patient comfort
- No water connection, water is self-contained
- On-Off water switch
- Adjustable water flow
- Air connection only to PrepStart foot pedal line

### FEATURES OF THE H2O KIT:

- One, light weight, ergonomically designed handpiece
- Nozzle assemblies are detachable and autoclavable
- Nozzles are of long life carbide, nozzle body is titanium for lightest weight
- Nozzle included is popular .019" (.015" soon to be available)
- Water spray can be deactivated by a toggle switch
- Water spray automatically starts & stops with abrasive spray
- Water spray is adjustable by front knob
- Removable 250 ml, opaque water reservoir
- H2O Kit comes attached to a new PrepStart top cover for ease of installation
- Installation can be performed in less than 15 minutes with a screwdriver



Water spray surrounds aluminum oxide to control powder spray - just like a shower curtain. Dry cutting without the mess.



## MINIMALLY INVASIVE SOLUTIONS



# PIEZOTOME CUBE

## For Superior Atraumatic Surgery

PIEZOTOME  
CUBE



Give your dental practice a new dimension with Piezotome® Cube. Piloted by the patented Newtron® technology, the Piezotome® Cube ultrasonic power generator is the next step in superior atraumatic osseous surgery procedures. Both surgeons and patients benefit with the superior outcomes of Piezotome.

- **EXPAND YOUR DENTAL EXPERTISE BY CHOOSING THE PIEZOTOME CUBE**

Highly powerful, reliable and naturally intuitive, Piezotome® Cube drastically improves the experience of bone surgical procedures.

- **GIVE VALUE TO YOUR TREATMENTS**

Piezotome® Cubes unmatched performance combined with the dental practitioner's clinical expertise paves the way for accurate, fast atraumatic and more predictable bone treatments.

# NEWTRON P5 B.LED & NEWTRON P5XS B.LED

NEWTRON

Preserve teeth with perfect ultrasonic vibrations and steel tip quality. The compact and ergonomically designed with patented Newtron technology brings more preservation, efficacy and comfort to any procedure.

- **CARRY OUT GENTLE AND EFFECTIVE TREATMENTS**

The perfectly controlled vibrations and high-quality tips improve tooth preservation, efficacy and comfort during treatment.

- **HIGH-QUALITY TIPS TO PROVIDE FIRST-CLASS TREATMENT**

The widest range of tips (80) for a great clinical expertise and versatility, supporting both dental practitioners and patients.



**NEWTRON P5 B.LED**  
Ultrasonic Scaler  
**BUILT IN**

**NEWTRON P5XS B.LED**  
Ultrasonic Scaler  
**STAND ALONE**

## NVPRO3

THE ULTIMATE HANDHELD LASER

*The gold standard in soft tissue surgery. Nothing compares.*

**NVPRO3**  
Perio • Restorative • Ortho

### SOFT-TISSUE DIODE LASERS

Lasers can be a real game changer. Whether you use a laser for tissue retraction for impressions, gingival re-contouring, or cuspid exposure, it is the ideal tool for soft-tissue management. Compared to traditional surgical devices such as electrocautery, a laser is gentler, more predictable, and often times will not require local anesthetic. If you want to provide your patients with a higher standard of care while improving your bottom line, add a laser to your practice today!

#### The next step in Diode Lasers - the NVPRO3

For nearly a decade, the NV Microlaser has set the bar for convenience, portability and ease of use among all dental soft-tissue diode lasers. The next-generation NV PRO3 Microlaser continues that award-winning tradition. Optimized for all of your periodontic, restorative and orthodontic procedural needs, the latest evolution in cordless soft-tissue lasers enables you to deliver the benefits of laser dentistry to each patient, while increasing practice production across all departments.

#### Meet the NVPRO3

The NV PRO3 integrates seamlessly into any practice, providing an opportunity for the addition of new services and procedures, improved treatment acceptance, and more referrals.

- **Wireless** — foot activation to eliminate finger fatigue
- **Portable** — weights only 54grams and is only 16cm long
- **Versatile** — 12 pre-set procedure
- **Powerful** — Delivers the full actual 2 watts to provide powerful cutting ability
- **Protected** — new lithium-ion batteries with overcharge and undercharge protection
- **Streamlined** — low-profile charger stores the laser and charges up to 3 batteries simultaneously
- **Convenient** — wireless foot pedal for easy movement between operatories



### Why laser dentistry?

#### Patient Comfort

- Healthier approach to tissue management
- Minimal need for anesthesia
- Reduction in post-op discomfort

#### Production Efficiency

- Improved access and field of vision
- Decreased treatment time in many cases
- Reduced impression retakes

#### Clinician Benefit

- Seamless integration into the practice
- Incremental revenue through additional procedures
- Increases patient acceptance
- Generates patient referrals

***“Experience all the benefits of soft tissue laser technology without the additional clutter or cords.”***

## SOL

THE PORTABLE DIODE LASER

*New laser technology designed for the way you practice*



### SOFT-TISSUE DIODE LASERS

Powerful, portable, and precise — the SOL laser combines enhanced ergonomics, a user-friendly interface, and a high-contrast blue aiming beam for easier, more accurate laser dentistry. Its sleek design and affordability make it one of the most attractive options in dentistry today.

#### SIMPLICITY

3 pre-set modes + 1 customizable setting for flexible, streamlined treatments.

#### VISIBILITY

Blue aiming beam improves tissue contrast for clear precision.

#### ERGONOMICS

Curved handpiece allows better posterior access and reduces fatigue.

#### SINGLE-USE

Tips: No need to strip or cleave — disposable tips offer consistency and low cost per use.



## IMPLANT CENTRE 2 For Atraumatic Bone Surgeries



The Implant Center™ 2 combines, in a complete table-top unit, the most advanced ultrasonic and rotary technologies, ensuring total independence in increasingly diverse clinical areas such as periodontics, endodontics, prophylaxis, restorative, pre-implant and implant surgeries.

#### • EFFICACY

Automatic frequency adjustment for maximal performance of each tip. Real-time power regulation for constant performances and effortless cut.

#### • VERSATILITY - 3 Functioning Modes:

- 1.) I-SURGE™ for implant surgeries (rotating motor).
- 2.) Piezotome® for pre-implant ultrasonic bone surgery.
- 3.) NEWTRON® for all dental ultrasonic treatments.



## PLASTVAC P7-PLUS

A POWERFUL 1400W MOTOR

*Automatically generates the vacuum in an instant.*

Quick and practical, the Plastvac P7 allows for the fabrication and delivery of thermoformed sheets to the patient in a single session, with the average investment paying off after the production of just 30 sheets. It features an automatic vacuum switch—activating suction as soon as the sheet holder is lowered—and a powerful 1400W motor for strong, consistent vacuum pressure. Its exclusive rotary sheet support enables uniform heating on both sides, making it especially effective for thicker materials. The carbon fibre heating element ensures a faster heat-up time, while the double-sided cast rack (flat and cup type) facilitates easy model removal and prevents trays from thinning. The Plastvac P7 is compatible with both square and round sheets, up to 6 mm thick, and includes a universal adapter to suit various sizes and materials. The P7Plus model adds a digital timer for precise plastification control, enhancing accuracy during thermoforming.

### APPLICATIONS INCLUDE

Mouthguards, composite resin matrices, temporary bridges, caps, bracket fixation, fluoridation molds, surgical guides, bite plates for bruxism, base and individual sheets, at-home whitening trays, and packaging of study models.



## PLASTPRESS

COMPACT POSITIVE PRESSURE  
THERMOFORMING UNIT

*Compact, quiet, and highly precise.*

designed for use across all dental specialties. Offering greater adaptation accuracy than traditional vacuum systems, it features eight built-in safety systems and supports both round and square sheets up to 6 mm thick.

Its dual-position model holder (flat or basket) allows for flexible shaping depth, while the small footprint (27 × 24 × 27 cm) fits seamlessly into any clinic or lab. Requires connection to a regulated air compressor (3-8 bar).

### IDEAL FOR

Mouthguards, whitening trays, surgical guides, bite plates, temporary bridges, matrices, and more.

A versatile, high-performance solution for efficient same-session appliance fabrication.



## YOSHI AI ENDO MOTOR



STATE-OF-THE-ART BRUSHLESS ENDODONTIC MOTOR

*Designed for high-performance root canal treatment.*

The Woodpecker Yoshi AI Endo Motor is a high-performance, brushless cordless endodontic motor combining precision, safety, and user-friendly innovation. With speeds up to 2,500 RPM and a torque range of 0.4-5.0 N-cm, it delivers quiet, stable, and vibration-free operation that enhances procedural comfort and extends instrument life.

### KEY FEATURES

- Built-in apex locator with real-time feedback
- T-Mode for safe ledge bypass
- Customisable reciprocation angle (20°-340° in 10° increments) compatible with various file systems
- The compact 360° rotatable contra-angle head improves access and visibility, especially under microscopes.
- A wireless handpiece with a long-lasting lithium battery and intuitive high-res display enhances clinician comfort and control.
- Safety features like auto-reverse, auto-slowdown, and auto-stop help prevent file separation, while the brushless design ensures long-term durability.

The device includes 30 pre-set and 10 customisable programs, and comes with a complete accessory kit. Backed by a 2-year warranty, the Yoshi AI is a reliable and intelligent choice for modern endodontics.

### WHY CHOOSE THE YOSHI AI MOTOR?

By blending top-tier brushless engineering, intelligent safety systems, and ergonomic design, the Yoshi AI stands out as a premium solution for endodontic precision. Whether used in general dentistry or advanced root canal therapy, this unit supports faster, safer, and more comfortable treatments.





# SALLI

## SALLI SADDLE SWAY CHAIR

*Developed by experts in back physiology and ergonomics*

## PRODUCT OVERVIEW

Developed by experts in back physiology and ergonomics, Salli has been designed to give you the most comfortable and natural sitting style possible, meaning long days at the office will no longer be followed by long nights of pain and stiffness.

Be gone sore shoulders, lower back pain, and numb legs after sitting down too long. Get ready to break up with your physio, ACC worker or masseuse – you may not ever have to see them again...

Many of us are not strangers to back, neck and shoulder pains. According to some statistics, as much as 80 percent of people suffer from some kind of back problems at some point in their lives. Many of us spend even 13 hours sitting every working day, and naturally the proper sitting position and the work chair play a major role in how we feel.

## PRODUCT FEATURES

- Hand controlled height adjustment with gas spring.
- Chair's total weight 11.5 kg, seat only 7.5 kg.
- Rocking mechanism enables the seat to be tilted into every direction without a separate adjustment lever.
- Rocking mechanism enables the user to exercise while sitting, which adds to the mobility and metabolism of the lower back and activates the whole body.
- Recommended to all with low back pains or desire to have the healthiest possible seat for their lower back metabolism.
- Five (5) years warranty for chair upholstery and frame, including the seat, castors, mechanism, gas cylinder, and base.

### Size options

- **SHORT** - recommended for people shorter than 160cm
- **MEDIUM** - recommended for people between 160cm - 180cm
- **LARGE** - recommended for people taller than 180cm

Available in assorted colours.



*The chair that is changing the lives of sitting workers everywhere!*

## SONICLEAN



### DIGITAL BENCHTOP ULTRASONIC CLEANERS

Soniclean digital bench top ultrasonic cleaners are the quietest and most effective ultrasonic cleaner in the marketplace. The pulsed broadband ultrasonic frequencies achieve optimum cleaning results using adaptive pulse swept power. The Soniclean machines offer a complete range of programmable features via the intelligent key pad and provides real-time data on the digital display

Delivers gentle, precise and thorough ultrasonic cleaning – the most effective method of cleaning and removal of fine foreign soil from crevices and all areas of dental and surgical instruments. Removes stubborn soil including blood contaminates without damage to the instruments. Cleans in a fraction of the time reducing the overall operational and running costs

### BENEFITS

- Drain standard on all tanks
- Lid interlock enable/disable function
- Maximum efficiency independent of water levels
- User programmable touch control keypad
- Selectable power levels
- User cleaning real time digital display
- Safety alarms
- Units with heating options available



#### Model 160TD

##### Specifications:

Capacity - 3L  
Dimensions (mm)- L180 x W219 x H179  
Tank Size (mm) - L235 x W138 x H100  
Pulse sweep power - 70w



#### Model 250TD

##### Specifications:

Capacity - 6L  
Dimensions (mm) - L279 x W219 x H170  
Tank Size (mm) - L295 x W150 x H150  
Pulse sweep power - 120w



#### Model 500TD

##### Specifications:

Capacity - 10L  
Dimensions (mm) - L338 x W234 x H232  
Tank Size (mm) - L298 x W238 x H150  
Pulse sweep power - 130w



## MAN & MACHINE

MAN & MACHINE

### CLEANABLE/ANTIBACTERIAL COMPUTER PERIPHERALS

Man & Machine has a rich three plus decade heritage of being a global leader in computer peripherals and custom hardware engineering solutions. From its humble beginnings with 3 employees in a small office building, the company has grown to its current 19,000 square foot office complex housing administration, engineering, a state-of-the-art production line, warehousing and shipping. Additionally, satellite sales offices are located in China, and a European sales/service center in The Netherlands. Check out their products below!

#### “ITS COOL” WIRELESS KEYBOARD

The Its Cool Wireless is a stylish compact keyboard that features a modern design, with the tactile feel you expect from a standard keyboard. The small footprint of this wireless keyboard allows for positioning where it suits you without cable restraints. Easily clean and disinfected between uses with standard hard-surface disinfectants.



ADD-ON AVAILABLE  
**FITTED  
KEYBOARD  
DRAPE**

BOTH MOUSE AND  
KEYBOARD  
**WORKS  
WITH 1 USB  
RECEIVER**

#### MAN AND MACHINE C MOUSE WIRELESS

The C Mouse Wireless has the look and feel of a standard mouse, but can be rinsed, sprayed or wiped with standard hard-surface cleaners. This sleek wireless mouse is compact, light-weight and has a curved design that makes for great ergonomics. This washable mouse is constructed of hard plastic with the advantage of having the sensitive electronic components sealed away.





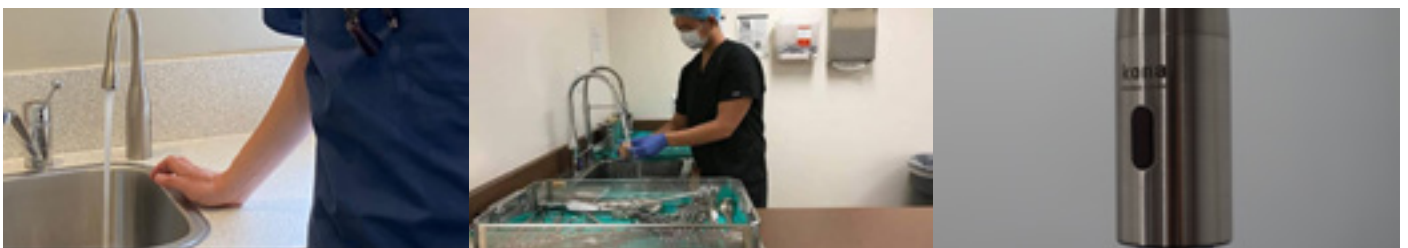
## KONA

### INFECTION CONTROL ANTIMICROBIAL TAP

## Take your hand hygiene and infection control to the next level

**The Kona Infection Control Antimicrobial Tap** delivers ozonated water every time you wash, immediately eliminating bacteria, viruses, e coli, staphylococcus aureus, candida alibicans and legionella.

Unlike ordinary taps Kona Infection Control (KIC) TAPS are the only patented, scientifically proven, environmentally friendly, and easily installed anti-microbial taps featuring on-demand Aqueous Ozone Infection Control 24 hours a day which kills bacteria and viruses within seconds of contact and leaves no toxic chemicals or residue behind. Ozone is about 50 times more powerful than chlorine and kills bacteria and viruses 3000 times as fast, this means you get instant disinfection response with very low concentrations. Ozonated water is non-toxic antimicrobial disinfectant, hand sanitiser and deodoriser. KONA Infection Control TAP (KIC TAP) tap is world's 1st TGA registered chemical free antimicrobial sensor faucet, watermark approved, FDA safety approved & SGS tested 10 second rinse with 99.99% kill rate.



### Kona Infection Control Antimicrobial Tap Benefits

- Antimicrobial water 24/7 on demand.
- Sensor tap for hands free operation
- Improved hand hygiene and safety.
- 10 second rinse with a 99.9% kill rate.
- Ideal for pre-rinsing and soaking surgical instruments.
- Protects against water line biofilm growth.
- Easy installation, low cost, chemical free infection control.
- 100% natural, environmentally friendly and sustainable.



## Dr David Lovrich

Co-owner & Dentist at North Shore Dental

Installed a CS 8100 3D

"John from Aluro explained the types of things we would end up using the machine for when he first approached us about installing the CS8100 3D in our practice – and he was right.

We now take a lot of 3D images, particularly for root canals, orthodontics, wisdom teeth and periodontic concerns. The CS8100 3D has basically infiltrated its way to be involved in about 50-60% of our dentistry.

A 3D image just has so much more detail – we can see all the way around, see the impactions, all the things we weren't able to see before. This makes us much more accurate in our work, but also gives our patients the peace of mind that we've got the best technology to use during their visits.

I just can't speak highly enough of the support post-installation. We knew from our conversations that Aluro would stand by us and provide good training and that was a really important factor in our decision-making. John and Mark from Aluro has been absolutely marvellous. We didn't have to worry about anything. We found it a very easy process, and the after care service has been top notch. We definitely made the right decision."

### Q & A's with Dr David Lovrich

#### *His thoughts on the CS 8100 3D*

**Q. Why did you decide to get a Carestream 8100 3D for your practice?**

**A.** We looked at the range and liked the features we saw. We also really liked John and Mark from Aluro – they were very patient with us when we asked a lot of questions and took our time making the best decision for our practice. And at the end of the day the patience and time they gave us made us feel the aftercare would be better, while we got to grips with a new technology.

**Q. Why did you end up choosing the Carestream 8100 3D model over other options?**

**A.** Again, it was really the aftercare. The technology is very good of course – but we knew from our conversations that Aluro would stand by us and provide good training and that was a really important factor in our decision making.

**Q. How did you find the preparation and installation process?**

**A.** Excellent – we didn't have to worry about anything. It was all done for us and we found it a very easy process, not disruptive at all.

**Q. Did you get what you needed from the training?**

**A.** Definitely – and more. We've had a few occurrences where we've rung John and said, "We want to do 'this', can we do it on this machine?" and he just talks to us for as long as we need, or even comes in to see us in person. He's excellent.

**Q. How have you found the post-installation support?**

**A.** Very, very good. John has been fabulous to work with, absolutely marvellous.

**Q. What feedback have you had from clients?**

**A.** Most of our clients don't really understand what the machine itself does. But of course we explain it to them – using the CS 8100 3D makes us more technically accurate – and they're always very happy to hear that.

**Q. How has it changed the way you operate?**

**A.** We take a lot of 3D images, particularly for root canals, orthodontics, wisdom teeth and periodontic concerns. It's basically infiltrated its way to be involved in about 50-60% of our dentistry.

**Q. How do your team find it to work with?**

**A.** They've all said it's simple to use, and I agree.

**Q. Have there been any unexpected upsides to having the CS 8100 3D in your practice?**

**A.** John explained the types of things we would end up using the machine for – and he was right. We use it for wisdom teeth a lot, and other areas such as orthodontics and periodontics.

**Q. Why would you recommend the CS 8100 3D to other dentists?**

**A.** The 3D image just has so much more detail – we can see all the way around, see the impactions, all the things we weren't able to see before. This makes us much more accurate in our work, but also gives our patients the peace of mind that we've got the best technology to use during their visits.





## Dr Richard Henderson

Principal at Henderson Periodontics & Implants, Christchurch

### Installed a CS 8100 3D

"I wanted to get a Cone Beam CT at the practice mostly for implant planning – as a surgeon I'm placing most days. I didn't need a full format and the whole gamut – the CS 8100 3D had the scope I needed and it was quite a good price. When considering which system to get, I knew that the background of excellent oral healthcare and equipment would be there with Carestream and Aluro and I was really happy with the software, so I discounted the other systems reasonably quickly. We had it installed in July 2018 and now I don't know how I ever got along without one!

Installation was done as quietly and quickly as possible. We had a few hours of training straight away but it's the backup support that's been valuable – it's been a learning curve for the three of us who use it, but John from Aluro is on the phone or email pretty quickly if we need help.

The system has been great for our patients. They love being able to see the 3D image and their skull, particularly when you show them the implants. As well as being a good teaching and info tool for patients, it's also a good selling tool because they can see what's going to happen and what it's all about. Once they see how it works and that there's enough tissue there to do it, it eases their fears.

It's also changed the way I operate. It allows me to pre-plan and make decisions on the spot rather than having to wait until the flaps raised and thinking, 'Oh shivers!' Having this in-house means I can literally do the planning immediately, tell the patient yes immediately, give them the cost and work from there. I don't have to wait to hear back from a radiology clinic before I can get the ball rolling. With the CS 8100 3D we know what we're going to find when we lift the flap, there's no surprises.

**I'd recommend the CS 8100 3D to other dentists because the software's really good and it's easy to use. Certainly if you're a periodontist the medium format is absolutely perfect for what we need to do.**



## Dr Steve Manning

Endodontist at Christchurch Endodontic Practice

### Installed a CS 8100 3D

"I wanted a Cone Beam CT to help with diagnosis – I settled on the Carestream 8100 3D model because it is a good product, easy to use and a reasonable price. The installation process was good, the training was good (and is ongoing), the post-installation support is good and we've had good feedback from patients on the machine. Having the Carestream 8100 3D in-house means I can now seek a CBCT early in the consultation process. Depending on how many complex cases they see, I think the Carestream 8100 3D is a good choice for New Zealand dentists. I'm very happy with ours."



## Dr Keith Chiang

Principal Dentist/Owner of Fendalton Dental  
Surgery Christchurch

### Installed a CS 8100 3D

#### Q: Why did you decide to get a Cone Beam CT for your practice?

**A:** I always set my standards very high and like to find the root cause of a problem when patients come to me or are referred to me. There were many instances that frustrated me and – after weighing up my options – I decided an in-house Cone Beam CT was the best path for overall peace of mind.

#### The following situations would be echoed by many of my colleagues:

- There has been several times in the past when the etiology and diagnosis was unclear for a vague dental problem, despite trying to co-relate clinical and 2D radiographic film interpretation. I was sick of “guessing” several probabilities and hoping one of them was right, sending the patient away with a script for antibiotics whilst remaining annoyed at myself for being unable to come to a conclusive diagnosis.
- Planning for wisdom teeth surgeries close to the nerve is another guessing game with lots of “Maybe this” and “Maybe not”’s.
- Planning for an implant was always a referral to St Georges for a scan which would delay my consultation process by more than a week. The patient would have to book in a time with the radiology dept and then I would have to wait for the DVD to arrive in my mailbox. Then I had to get back to the patient or book in another time to discuss with them what I had read or seen on the scan. Now I do it within an hour and the patient walks away the same day, after booking the next implant surgery appointment. How cool is that!

**Inspired by my very good friends, Dr Venkat in Tauranga and Dr Nitish in Gisborne, I finally decided to take the plunge to invest in a Cone Beam CT and I’ve never regretted it!**

#### Q: Why did you end up choosing the CS 8100 3D model over other options?

**A:** My surgical-based practice needed something small enough to fit in the space available but with enough grunt to be able to help me diagnostically. Aluro equipment consultant, Mr John Stewart and Carestream were highly recommended for their ability to give me the best available diagnostic value at a very affordable price. And the after-sales support was a crucial factor too.

#### Q: What feedback have you had from clients?

**A:** They are amazed and blown away with the images and the advances in technology. Some of them have said they are proud having me as their Dentist and impressed with the way I have invested back into the practice for better clinical purposes.

#### Q: How do your team find it?

**A:** We haven’t stopped talking about it to anyone and everyone as we are very happy with our “Superman” eyes being able to see in 3D.

#### Q: How has it changed the way you operate?

**A:** You bet! I call it my “Game Changer”. I can now plan my surgeries to the minute details and have begun diagnosing so-called difficult cases with relative ease. There is no more “Maybe” in my diagnosis. It is also sometimes scary as I can suddenly see so much more compared to a high-resolution OPG.

#### Q: Any unexpected upsides to having the CS 8100 3D in your practice?

**A:** There has been many more referrals coming my way and my colleagues rave about it whenever they pay me a visit. There is more recognition from my peers and their appreciation that their patients referred to me are looked after well.

#### Q: Why would you recommend the CS 8100 3D to other dentists?

**A:** The high resolution OPG is fantastic, the ability to do bitewings, sinus view, and TMJ in 2D is great. To be able to ramp it up in 3D for full mouth, single jaw or even a sectional quadrant is fantastic. It occupies a very small space in your practice and is a great price. Apart from the features, 3D CBCT is the future of diagnostics in dentistry – embrace it and you will not regret it.



## Dr Malcolm McDiarmid

Practice Owner / Director at Kamo Dental, Whangarei  
Installed a CS 8100 3D

"I was in the market for a Cone Beam CT because I needed 3D for implant planning and oral surgery pre-screening to assess vital structures close to root apices in detail. I knew I'd also use it for endodontics. I chose the Carestream 8100 3D for a few reasons: the size of the machine suited the space available in our rooms, the price was competitive, Aluro Healthcare have proven to be a great company to deal with and all Carestream software is open software.

The install in March 2017 was a simple process – we had very clear info from Aluro's Equipment Consultant (John Stewart) of what was required. The training was excellent. With this machine, a lot of the training is really up to the practitioner to learn and use – there's lots of helpful online free tutorials on YouTube. It's been no sweat for our team to work with.

Having a Carestream 8100 3D in our practice makes it easy to diagnose pathology and plan for implants and difficult extractions. I can also scan models and impressions to save on file if required. I've been really impressed with the Carestream 8100 3D in action – it offers great field of view especially for third molars, mandibular nerve plots and maxillary sinus views and the resolution of images is excellent. The nerve plotting and implant planning software is very easy to navigate. And our patients are very impressed, which is always a good thing."



## Dr Eddie Al Halasa, D.D.S., M.S.D.

From Rancho Mirage Endodontics  
Carestream 8100 3D in Endodontics

"I do a lot of endodontic retreatment. With my Carestream Dental CBCT system, I can see—with great precision—what has gone wrong with the previous treatment. In situations like this, if I were to treat using only 2D images, I might cause unnecessary destruction of the tooth structure to 'seek out' the etiology of the concern. But with the slice-by-slice views—and with the slice thickness as low as 75 microns—I can see a level of anatomical detail that is amazing. I can detect infections that are not visible in 2D, due to the superimposition of cortical bone and other roots, as well as hidden anatomy. I am able to perform all of my surgical procedures with confidence and accuracy because I can clearly see all vital anatomical structures and avoid any unnecessary damage.

For patients with vague symptoms, this technology is invaluable and facilitates the creation of a clear and confident diagnosis. Patient education is greatly improved with CBCT imaging. To facilitate their understanding, I use a big-screen TV that enables patients to see their anatomy in lifelike 3D images as I review them. An educated patient can make an informed decision, and there's nothing better than that.

In addition to the enormous diagnostic implications, the system is extremely user friendly. It's very easy to work with. And I doubled my referral base by using this technology. I simply cannot practice endodontics without my Carestream Dental CBCT system."



# Dr James Stone

## Owner / Director at The Tooth Company

## Installed a CS 8200 3D Neo

"We needed a CBCT system because the specialist dentists at our practice, our orthodontist and pediatric dentist, needed to be able to take 3D images. Without one, not only would it be very difficult for them to do their jobs properly, but they would have had to send their clients to another dental practice. Purchasing the Carestream CS8200 3D Neo has meant that not only have we been able to increase our efficiency, but it has allowed us to broaden the range of services that our practice offers.

The patients love being able to see the 3D images - we've had positive feedback! For myself, the simplicity of the workflow and the accuracy of the 3D imaging has meant that I've been able to make diagnoses that I wouldn't have been able to with 2D images. In fact, I've been able to save patients thousands of dollars that they would have otherwise spent on unnecessary treatments!"

## We can sort something out.

**equipment@aluro.co.nz // 0800 800 085**



# EQUIPMENT CATALOGUE

## OUR BRANDS



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Current as of 2025

